



Panipat Institute of Engineering & Technology

Feedback Analysis Report

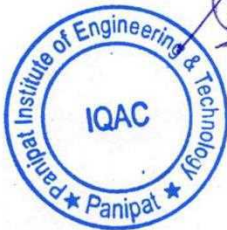
for Stakeholders' Feedback on Academic Performance and

Ambience

Year 2023-24

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Panipat Institute of Engineering & Technology

Department of CSE-AI&DS

Feedback Analysis Report on Academic Performance and Ambience

Year 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher

Feedback Sample Size

Sr. No.	Stakeholder's Name	Count
1	Students	165
2	Teacher	12





Panipat Institute of Engineering & Technology
Department of CSE-AI&DS
Session2023-24

Students' Feedback on Academic performance and ambience of the institution

(a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Students' Feedback on Academic performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	85	75	0	5
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	90	70	2	3
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	55	59	2	49
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	58	55	5	47
5	Course Outcomes were explained to you in each subject by the teacher?	80	80	0	5
6	Course content is well structured and adequate to achieve expected course outcomes.	90	70	2	3
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	85	80	0	0
8	The textbooks and reference books listed in your syllabus were relevant and useful.	84	80	0	1
9	The library has a substantial collection of high-quality textbooks and reference materials.	74	86	3	2
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	87	76	2	0
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	82	78	0	5
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	50	64	4	47
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	55	62	0	46
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	57	60	0	48
15	Any other comments/suggestions on curriculum: see the interpretation of student survey results				





16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development	85	78	2	0
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	87	78	0	0
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	80	80	0	5
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	90	75	0	0
20	Another comments/suggestion on ambience: see the interpretation of student survey results				

(b) Bar chart representation of the students' response to questions in survey

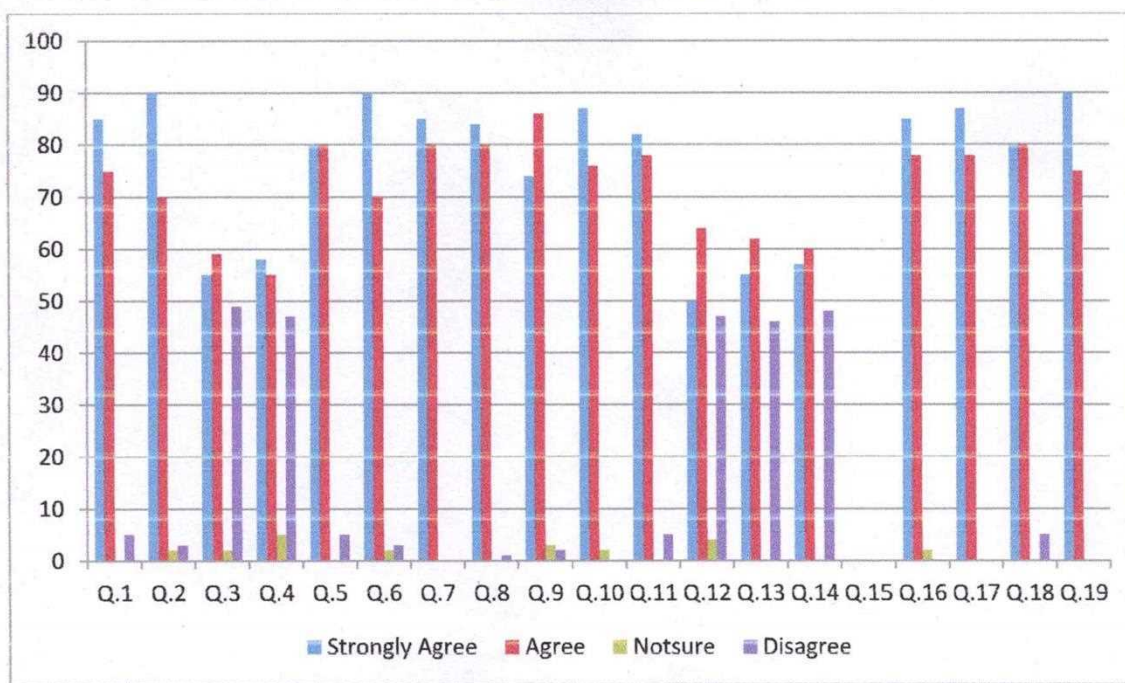
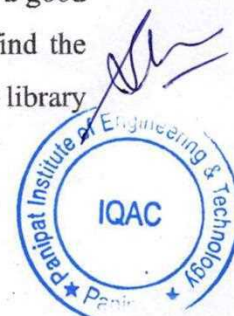


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of the Students Survey Results

The feedback on the curriculum revealed that 98.7% of students believe the syllabus quality is comparable to other universities, and 96.9% of students agreed that the curriculum offers a good balance between core and applied subject. In terms of resources, 96.92% of students find the textbooks and reference books relevant and useful, and the same percentage considers the library





to have a substantial collection of high-quality materials. 100% appreciate the use of audio-visual tools in classrooms, enhancing the learning experience and the infrastructure, including ICT-enabled teaching tools and well-equipped laboratories, to be adequate. The learning environment, including classrooms, laboratories, library, sports and cultural facilities, is deemed supportive by 99.3% of students, and. 98.1% students agree that adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium. The feedback suggests that 99.6 percent of students feel safe and believe that security measures are in place.

However, 29.6% of students feel the curriculum could better meet their academic and career goals, 31.5% believe it should include more contemporary topics and aligned with industry requirements and Approx 29.0 % Students suggested that Industry collaboration for Students learning and certificate courses should be facilitated to meet the demands of the corporate world. 30.5% of students believe that professional development programs and career counseling could be more successful. 27.8% students think career counseling and professional development initiatives could be more effective.

The students suggested that the department should additional certification courses in areas like R programming languages and Streaming Analytics. The students recommended adding a few more lessons on Artificial Neural networks and its services, as well as the foundations of data Science. The students proposed organizing competitive events wherein they might showcase their technological skills. Students also suggested that more efforts are requires for providing industrial exposure for students. The students suggested that expert's sessions for Data Science tools and techniques should be organized.

Any other suggestion on curriculum: The students have proposed hosting a career exploration event focused on the field of data science. The goal would be to provide guidance and information about the various opportunities available in this growing and in-demand industry.





Panipat Institute of Engineering & Technology

Department of CSE-AI&DS

Session 2023-24

Teachers' Feedback on Academic performance and ambience of the institution

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form - II Teacher's Feedback on Curriculum					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	10	2	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	7	5	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	5	5	0	3
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	5	7	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	7	5	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	6	6	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	8	5	0	0
8	Library has extensive collection of high quality and relevant textbooks and reference materials to meet students' overall academic needs.	5	8	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	8	4	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	5	7	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	5	4	0	4
12	Any other comments/suggestions: see the interpretation of teacher survey results				





(b) **Bar chart representation of the teachers' response to questions in survey**

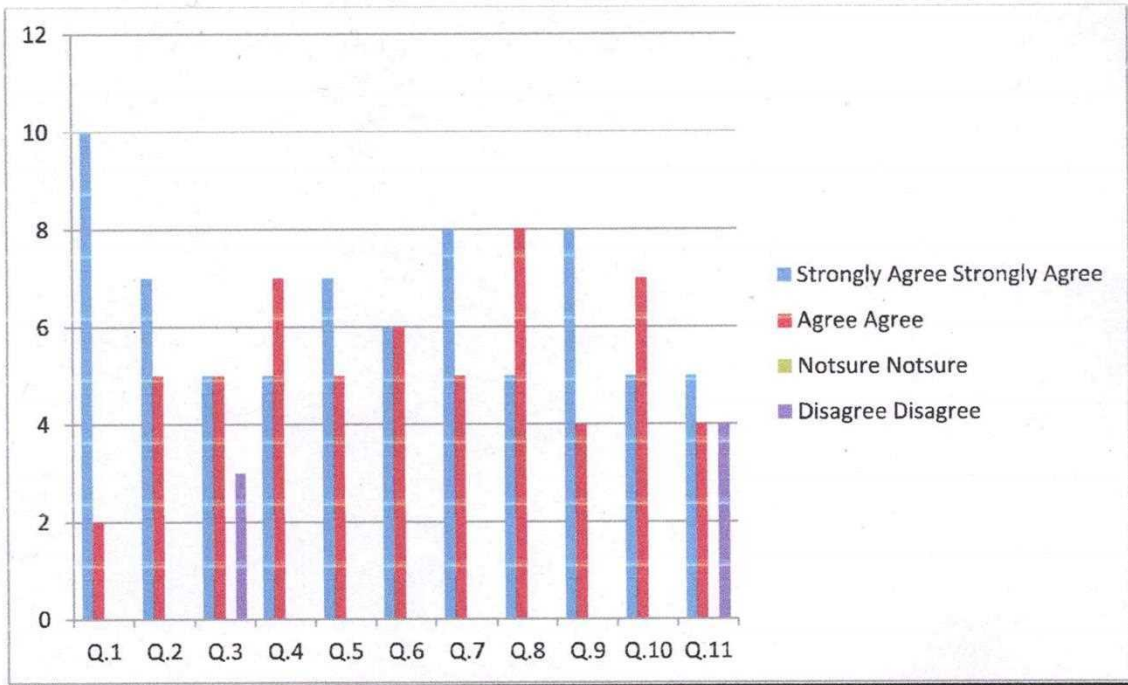
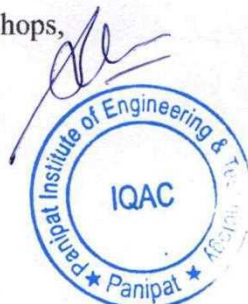


Figure 2. Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Teacher Survey Results

The feedback on the curriculum reveals that 100% of faculties agree that the curriculum offers a good balance between core and applied subjects. and the same percentage consider the syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate. 100 % of faculties agree that the syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs) and additionally the course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught. In terms of resources, 90% of faculties find the textbooks and reference books relevant and useful the same percentage consider the library to have a substantial collection of high-quality materials. 100% of faculties agree the internal examination and evaluation system ensures fair assessment of students' academic progress.

However, 20% of faculty members believe the curriculum might be more current and in line with what employers are looking for. 30% faculty member suggested the External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.





Additionally, faculty suggested that there should be some additional courses in areas in R programming languages and Streaming Analytics in data science tools. A faculty member proposed holding a career advisory workshop to help students discover the potential in the field of data science. Faculty suggested the expert's sessions, workshops, seminars, and lectures on deep learning, Intellectual Property Rights, GITHUB- web-based platform.

Any other suggestion on curriculum: Faculty suggested for FDP development is essential for promoting excellence in teaching and research, supporting institutional goals, and creating a culture of continuous learning that benefits both faculty members and students.





Panipat Institute of Engineering & Technology

Department of CSE-AI&DS

Session 2023-24

Summary of Stakeholders Feedback on Academic Performance & Ambience

The comprehensive feedback of students and teachers reveals a high level of satisfaction with the curriculum and its implementation. Students appreciate the quality of the syllabus, the balance between core and applied subjects. They value the use of audio-visual tools in classrooms, the relevance of textbooks and reference materials, and the effectiveness of academic support and facilities, including ICT-enabled. Teachers are satisfied with curriculum's balance and sequencing the allocation of course are beneficial to their career.

Despite the positive feedback, following areas of improvements are identified:

- a) However, Students and faculty feel the curriculum could better meet their academic and career goals. The students and faculty have urged for inclusion of MOOCs, and additional courses focused on R programming languages and Streaming Analytics in data science tools.
- b) Students and faculty believe it should include more contemporary topics and aligned with industry requirements. The student and faculty feedback has indicated a need to expand the curriculum coverage in two key areas - artificial neural networks and the core principles of data science
- c) Students have suggested that the institution organize some competitive events sessions on improving students' technical skills, keeping them updated with the latest industry practices, and enhancing their overall professional skills. Students suggested organizing competitive events on improving students' technical skills, keeping them updated with the latest industry practices, and enhancing their overall professional skill.
- d) Students and faculty suggested increasing the frequency of like expert talk, workshops, seminars, and industrial visits for professional development. Faculty and students have suggested the expert's sessions, workshops, seminars, and lectures on deep learning, Intellectual Property Rights, GITHUB- web-based platform. Some faculty have suggested for FDP development is essential for promoting excellence in teaching and research.





supporting institutional goals, and creating a culture of continuous learning that benefits both faculty members and students.

- e) Students also see opportunities for improvement departmental effort to provide career counseling and initiatives could be more effective. Students and faculty suggested increasing the effectiveness of initiate professional development. The students have proposed hosting a career exploration event focused on the field of data science. The goal would be to provide guidance and information about the various opportunities available in this growing and in-demand industry.





Panipat Institute of Engineering & Technology

Department of Computer Science & Engineering (AIML)

Feedback Analysis Report on Academic Performance and Ambience Year 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	198
2	Teacher	12





Panipat Institute of Engineering & Technology

Department of Computer Science & Engineering (AIML)

Session 2023-24

Students' Feedback on Academic performance and ambience of the institution

(a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Students' Feedback on Academic performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	120	63	5	10
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	130	50	4	14
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	122	57	5	14
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	102	46	3	47
5	Course Outcomes were explained to you in each subject by the teacher?	131	48	4	15
6	Course content is well structured and adequate to achieve expected course outcomes.	125	63	5	5
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	124	58	1	15
8	The textbooks and reference books listed in your syllabus were relevant and useful.	123	61	4	10
9	The library has a substantial collection of high-quality textbooks and reference materials.	124	61	4	9
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	120	65	3	10
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	124	62	4	8
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	100	48	5	45
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	103	52	4	40
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	104	48	6	40
15	Any other comments/suggestions on curriculum: See the interpretation of student survey result.				
16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	142	42	3	11
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	140	44	4	10
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	130	63	1	4





19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	100	97	0	1
20	Any other comments/suggestions on ambience: See the interpretation of student survey result				

(b) Bar chart representation of the students' response to questions in survey

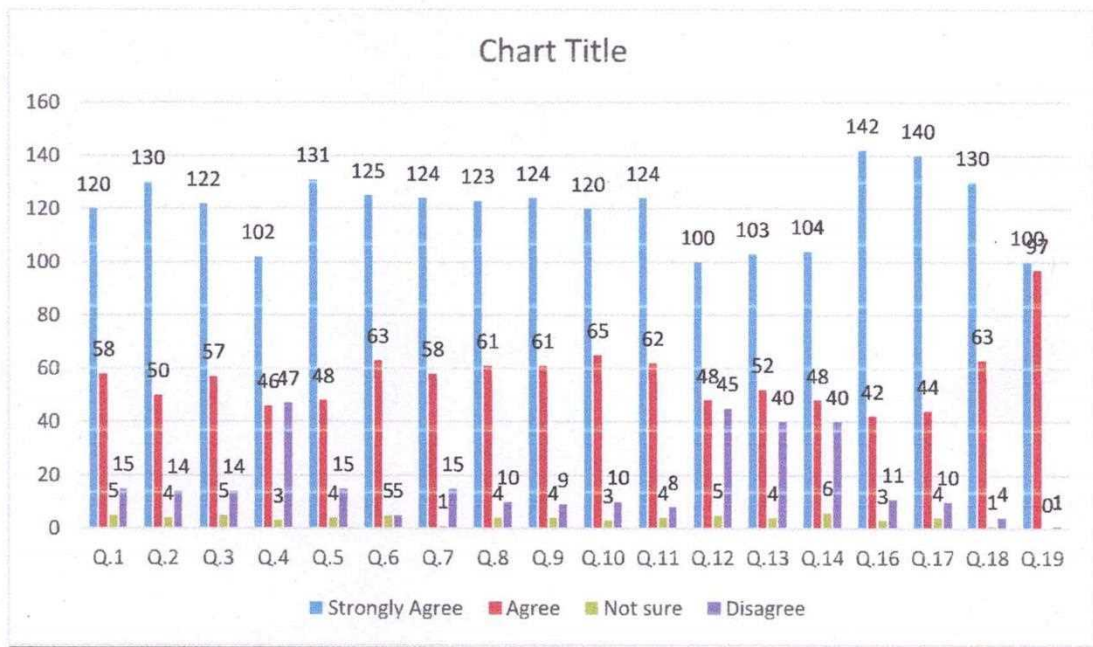
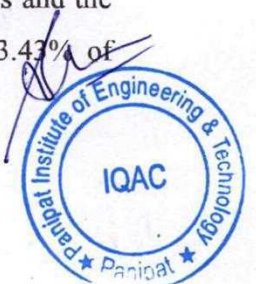


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of the Students Survey Results

A significant 92.42% of students affirm that the syllabus quality is on par with other universities, and 90.90% appreciate the curriculum's balance between core and applied subjects. The curriculum's effectiveness in supporting academic and career goals is acknowledged by 90.40% of students. Moreover, 90.40% agree that course outcomes are clearly explained by teachers. An impressive 94.94% believe the course content is well-structured and sufficient to achieve desired outcomes. The allocation of teaching hours (credits) is deemed appropriate by 91.91% of students. Furthermore, 92.92% find the textbooks and reference materials relevant and useful, while 93.43% commend the library's collection of high-quality resources. Internal evaluation practices and the grievance redressal system were praised for their transparency and efficiency by 93.43% of





students. The use of audio-visual tools to enhance teaching is supported by 93.93% of students. Adequate infrastructure, including ICT-enabled classrooms, laboratories, hostels, an auditorium, and a comprehensive library, is acknowledged by 92.92% of students. Finally, 97.47% of students consider the amenities, such as internet facilities, transportation, canteens, and a gymnasium, to be sufficient, and 99.49% agree that the institution has robust safety measures in place, including security personnel, CCTV surveillance, and fire extinguishers. Additionally, 92.92% feel that the ambience in the library, classrooms, and laboratories, along with sports and cultural facilities, are adequately support learning or overall development.

A significant proportion of student's express dissatisfaction with departmental efforts, with 25% disagreeing that these efforts effectively improve communication, technical, and professional skills for overall development. Similarly, 22% disagree that the department's initiatives like expert talks, workshops, and industrial visits contribute to professional development. Furthermore, 23% do not believe the department actively assists in identifying career opportunities through career counseling sessions or competitive examination support.

Any other suggestion on curriculum: Students suggested that some additional courses should be offered in the area IoT and Computer Vision and need some Technical Trainings to meet the demands of the corporate world. In addition, students want to celebrate some cultural events and suggested to conduct expert lecture or workshop related to AI, social media analytics.





Department of Computer Science & Engineering (AIML)

Session 2023-24

Teachers' Feedback on Curriculum

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form - II Teacher's Feedback on Academic Performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	6	6	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	7	5	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	8	2	0	2
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	7	5	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	6	6	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	8	4	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	9	3	0	0
8	Library has extensive collection of high quality and relevant textbooks and reference materials to meet students' overall academic needs.	7	5	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	7	5	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	9	3	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	4	5	0	3
12	Any other comments/suggestions: See the interpretation of teacher survey result				



(b) **Bar chart representation of the teachers' response to questions in survey**

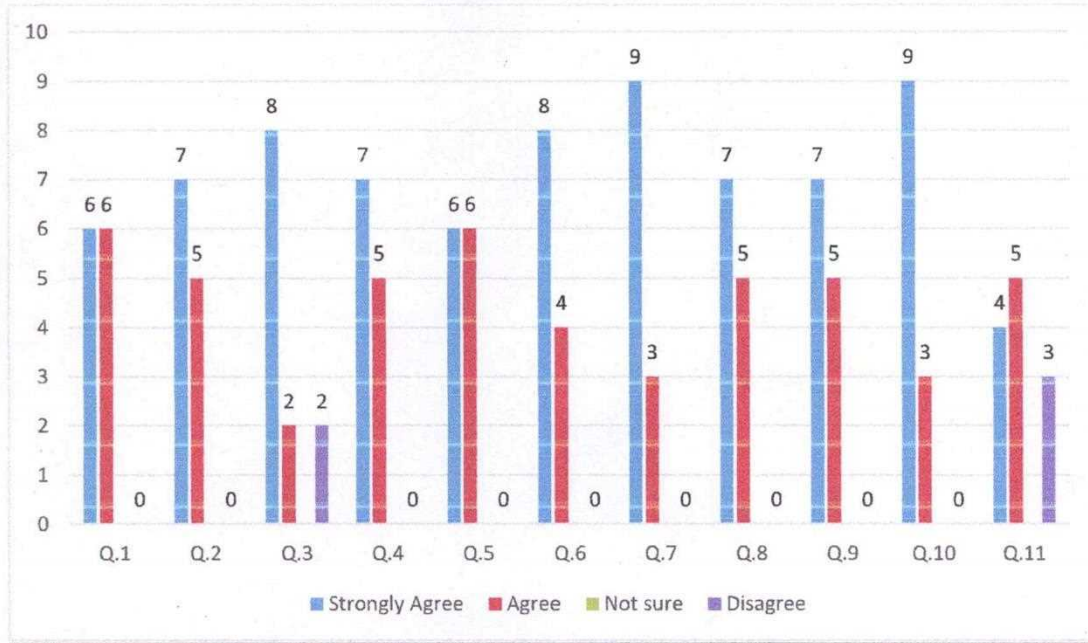


Figure 2. Chart for the teachers' responses (Q1 to Q10 from left to right)

Interpretation of the Teacher Survey Results

Faculty are in 100% agreement that the curriculum offers a well-balanced integration of core and applied subjects, with the syllabus content thoughtfully sequenced and credit allocation for each course deemed appropriate. They affirm that the syllabus content effectively supports the achievement of Course Outcomes (COs) and Program Outcomes (POs). The institute's encouragement of faculty involvement in university curriculum development and additional courses is highly appreciated. Faculty also agree that course outcomes are clearly defined and that the process for achieving program outcomes is relevant and well-structured. The recommended texts and reference books in the syllabus are seen as pertinent and useful, and the library's extensive collection of high-quality, relevant materials is well-suited to meet students' academic needs. Furthermore, the syllabus is recognized for fostering the development of students' analytical, problem-solving, and design thinking abilities, and the internal examination and evaluation system is commended for ensuring a fair assessment of students' academic progress. There is a 25% disagreement among faculty, indicating that the invitation of external experts from academia and industry, who bring relevant expertise to conduct workshops, seminars, and lectures,





is not as frequent as desired and 16.66% faculty members disagree that the curriculum is up-to-date and aligned with current industry requirements

Any other suggestion on curriculum: Faculty members suggested that some additional courses should be offered in Digital Image Processing and Internet of Things and faculties also gave the suggestion for technical training for the students in Emerging areas. Faculty members suggested to conduct expert lecture and workshops in the domain social media analytics and also suggested to improve efforts for professional development opportunities for faculty through organizing FDPs and conferences on contemporary areas.





Panipat Institute of Engineering & Technology

Department of Computer Science & Engineering (AIML)

Session 2023-24

Summary of Stakeholders Feedback on Academic Performance & Ambience

Students find the syllabus quality on par with other universities, appreciating its balance between core and applied subjects. The curriculum is seen as modern, industry-relevant, and supportive of academic and career goals, with clear course outcomes. The content is well-structured, with appropriate credit allocation, relevant textbooks, and a commendable library. Internal evaluations and grievance redressal are transparent and efficient, and audio-visual tools enhance teaching. Infrastructure and amenities, including internet, transportation, and safety measures, are considered sufficient.

Faculty unanimously agree that the curriculum integrates core and applied subjects effectively, with up-to-date content aligned with industry standards. They appreciate their involvement in curriculum development and find course outcomes well-defined and the evaluation process fair. The syllabus fosters students' analytical and problem-solving skills, supported by relevant texts and a high-quality library.

While we received positive feedback, we also identified areas where we can improve:

- a) Students have suggested offering courses in emerging fields and providing technical training to better align with corporate requirements. Faculty members have recommended adding courses on Digital Image Processing and Internet of Things.
- b) Students have suggested offering courses in emerging fields and providing technical training to better align with corporate requirements. Faculty members suggested having expert lectures and workshops in the domain of social media analytics.
- c) Faculties also suggested improving efforts for professional development opportunities for faculty through organizing FDPs and conferences on contemporary areas.
- d) They also expressed a desire to celebrate cultural events by including activities such as clay modeling, Rangoli competitions, and Best-from-Waste projects.





Panipat Institute of Engineering & Technology

Department of Applied Sciences and Humanities

Feedback Analysis Report on Academic Performance and Ambience

Session 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	553
2	Teacher	28





Panipat Institute of Engineering & Technology

Department of Applied Sciences and Humanities

Session 2023-24

Students' Feedback on Academic Performance & Ambience of the institution

- (a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Students' Feedback on Curriculum and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	283	217	14	39
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	243	223	41	46
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	228	218	50	57
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	253	118	21	161
5	Course Outcomes were explained to you in each subject by the teacher?	307	181	23	42
6	Course content is well structured and adequate to achieve expected course outcomes.	223	272	39	19
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	262	239	21	31
8	The textbooks and reference books listed in your syllabus were relevant and useful.	228	241	38	46
9	The library has a substantial collection of high-quality textbooks and reference materials.	312	199	19	23
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	223	239	53	38
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	279	197	28	49
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	224	148	34	147
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	197	177	24	155
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	208	140	57	148
	Any other comments/suggestions on curriculum: See the interpretation of student survey result				
15	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	247	232	25	49
16	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	205	274	39	35
17	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	308	193	24	28





18	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	263	202	44	44
Any other comments/suggestions on ambience: See the interpretation of student survey result					

(b) Bar chart representation of the students' response to questions in survey

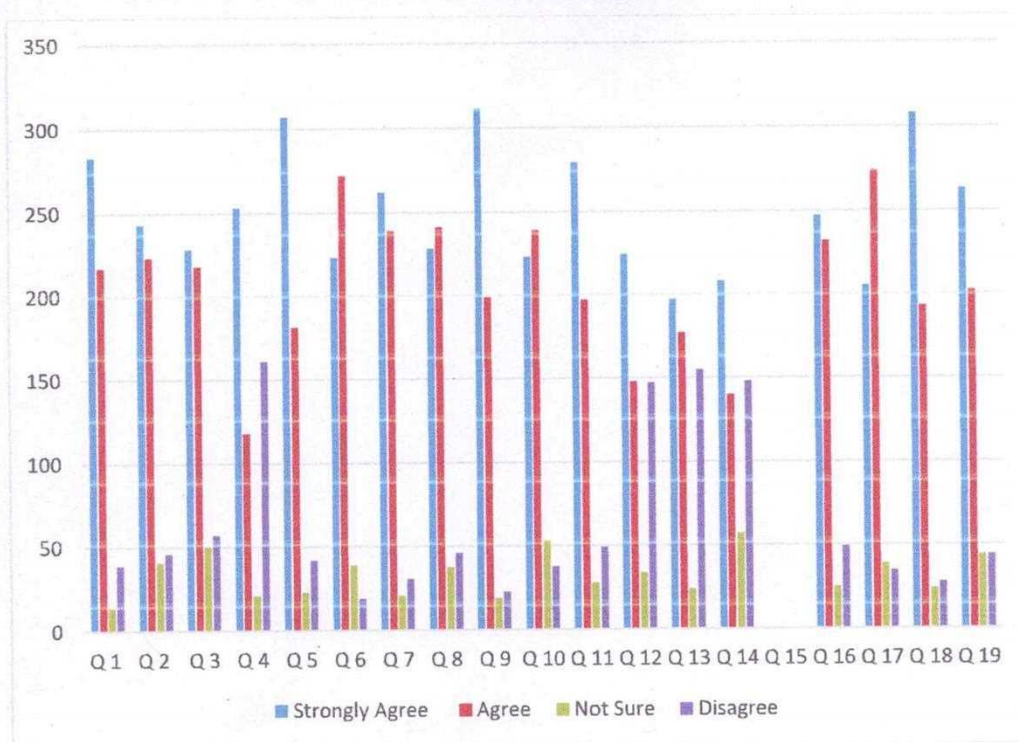


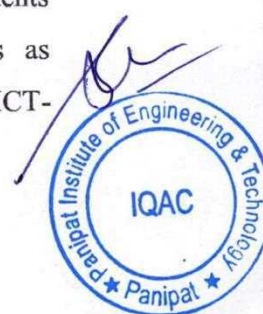
Figure 1. Chart for the students' responses (Q1 to Q18 from left to right)

Interpretation of the Students Survey Results

90.41% of students feel that the quality of the syllabus is on par with that of other universities.

80.65% of students believe that the course material is well-organized and sufficient for achieving the desired outcomes. 84.26% of students agree that the curriculum maintains a suitable balance between core and applied subjects. 92.4% of students consider the library's collection to be extensive and high-quality, with 84.8% believe that textbooks and reference materials deemed relevant and useful. 89.5% of students feel the course material is well-structured and meets course expectations.

83.54% of students support the transparency of the internal review process. 97.3% of students view the learning environment encompassing classrooms, labs, and library facilities as supportive. 86.9% of students find the infrastructure, including well-equipped labs and ICT-





enabled teaching tools, to be adequate. 86.6% of students believe that integrating audiovisual aids into the teaching-learning process would be beneficial.

According to feedback, a significant portion of students have specific recommendations for improvement:

29.11% of students feel that the curriculum should include more modern subjects to better reflect current industry trends. 26.76% of students believe that professional development and career counseling programs need enhancement. 26.58% of students are dissatisfied with the current instruction in communication and life skills. 26.76% of students showed need of expert sessions for professional development.

In response to these concerns, students have suggested expert sessions focused on life skills and other relevant topics aligned with industry requirements. Students also suggested career counseling sessions to better support career planning and development. Students asked for incorporating expert sessions on specific topics within engineering physics and engineering chemistry. Students also suggested some contemporary topics to be covered in syllabus.





Department of Applied Sciences and Humanities

Session 2023-24

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form - II					
Teacher's Feedback on Curriculum					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	17	11	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	17	11	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	14	13	0	1
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	10	12	0	6
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	14	12	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	14	13	0	1
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	15	13	0	0
8	Library has extensive collection of high quality and relevant text books and reference material to meet student's overall academic need.	16	12	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	14	13	1	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	12	16	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	12	10	0	6
Any other comments/suggestions: See the interpretation of teacher survey result					





(b) Bar chart representation of the teachers' response to questions in survey

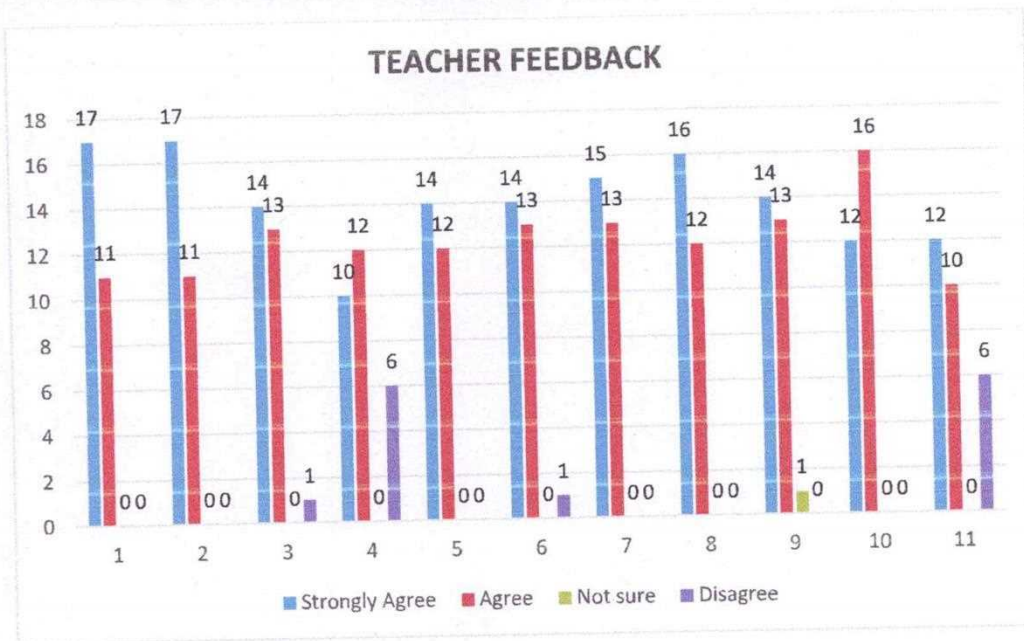


Figure 2. Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Teacher Survey Results

The analysis of teacher feedback on academic performance and the learning environment indicates high satisfaction in several key areas, with some room for enhancement. All teachers agree that the curriculum provides a balanced mix of core and applied subjects, and that the syllabus is well-structured. Additionally, every teacher is satisfied with the institute's support for their participation in curriculum development and additional courses. Most teachers believe that the library offers a comprehensive collection of high-quality and relevant textbooks and reference materials to support students' academic needs. All teachers are content with the internal examination and evaluation system. 96.42% of teachers feel the curriculum content aligns with current industry requirements and

However, there are areas identified for improvement: While, 21.42% believe the course content is insufficient for achieving course and program outcomes.





A quarter of the teachers suggest that additional expert lectures and lectures on content beyond the syllabus are needed. Specific requests include lectures on topics such as quantum communication and renewable energy storage.

Any other suggestion on curriculum: In summary, while the institute excels in many aspects of academic and teaching support, there is an opportunity to enhance curriculum content and expand faculty development opportunities to better meet industry standards and educational outcomes.





Panipat Institute of Engineering & Technology

Department of Applied Sciences and Humanities

Session 2023-2024

Summary of Stakeholders Feedback on Academic Performance & Ambience

Based on extensive feedback from teachers and students, there is a high level of satisfaction with the curriculum and institutional support. Stakeholders appreciate the well-organized course material, the balance between core and applied disciplines, and the overall quality of the curriculum. They value the use of multimedia resources in the classroom, the relevance of textbooks and reference materials, and the efficiency of academic support services and facilities, including well-equipped labs and ICT-enabled instruments. Both teachers and students are pleased with the library's collection and facilities.

However, there are several areas for improvement:

- The teachers feel that the syllabus content is not sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs). It has been suggested to include contemporary topics in the field of differentiation and Nanotechnology.
- The teachers and students both feel that external experts from academia and industry who bring relevant expertise should be frequently invited. It has been suggested to arrange expert sessions in the renewable energy storage and quantum communication.
- The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination. Expert sessions were suggested to guide students on available career opportunities and assist them in making informed career decisions.
- Students think departmental efforts should be little more effective in improving communication, technical and professional skills fostering overall development of the student. Students have requested expert lectures on soft skills and life skills to support their overall growth.
- Students show less satisfaction regarding the syllabus topics that are contemporary and aligned with industry requirements. Students have also suggested arranging industrial visits to provide practical experience and enrich their learning.





Panipat Institute of Engineering & Technology

Department of Business Studies

Feedback Analysis Report on Academic Performance and Ambience

Year 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	798
2	Teacher	17
3	Alumni	16
4	Employer	5





Panipat Institute of Engineering & Technology

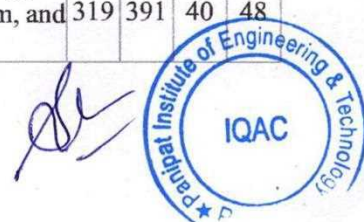
Department of Business Studies

Session 2023-24

Students' Feedback on Curriculum academic performance and ambience of the institution

(a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Students' Feedback on Curriculum and Ambience of the institution					
S.No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	263	479	0	56
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	279	455	24	40
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	295	455	0	148
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	407	239	40	112
5	Course Outcomes were explained to you in each subject by the teacher?	319	359	64	56
6	Course content is well structured and adequate to achieve expected course outcomes.	335	367	40	56
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	319	391	40	48
8	The textbooks and reference books listed in your syllabus were relevant and useful.	431	327	0	40
9	The library has a substantial collection of high-quality textbooks and reference materials.	479	279	0	40
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	463	279	8	48
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	343	367	24	64
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	289	319	40	150
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	268	455	0	75
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	215	407	64	112
15	Any other comments/suggestions on curriculum: see the interpretation of student survey result				
16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	367	391	0	40
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	319	391	40	48





18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	279	455	24	40
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	325	367	50	56
20	Any other comments/suggestions on ambience: see the interpretation of student survey result				

(b) Bar chart representation of the students' response to questions in survey

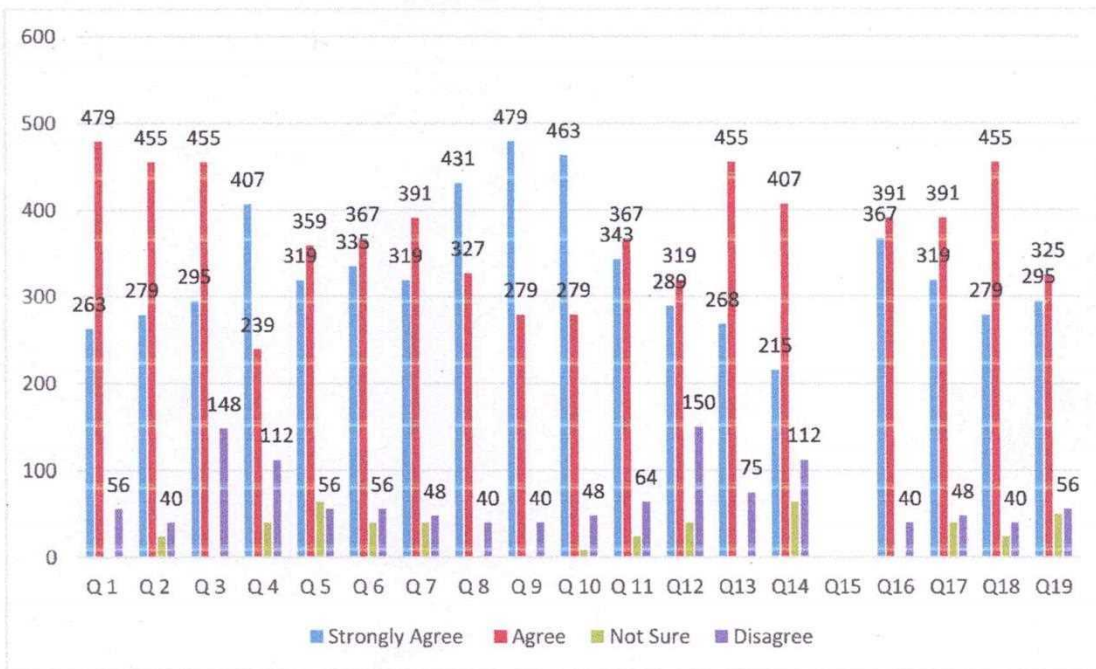
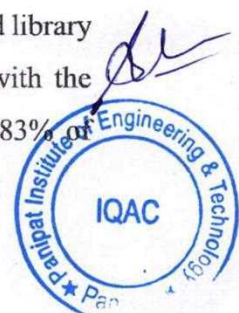


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of the Students Survey Results

The student feedback data indicates a high level of satisfaction with various aspects of the curriculum and institutional support. The course strikes a decent mix between core and applied areas, according to survey report about 92% of students. Approximately 94% of student's express satisfaction with the curriculum's capacity to fulfill their academic and professional objectives, pointing out that the course material is sufficient and well-structured to produce the desired results. They appreciate that enough teaching hours are allocated for each subject and availability of well-structured library with collection of high-quality textbooks and reference materials. Furthermore, 93% of students believe that teachers are effectively using audio-visual aids in the classroom and their internal evaluation practices are transparent. When it comes to the classroom, lab, and library atmosphere, 95% of students say that it enhances their learning, and they are happy with the facilities that are offered, such as the gym, canteen, and transportation. Additionally, 83%





students concur that the institution has sufficient safety precautions, including guards, CCTV, and fire extinguishers.

But the comments also bring up a few issues. Students' opinions vary on this point: 14% think the syllabus could be more in line with what employers want, and 18% think the department should do a better job of teaching technical and communication skills. Furthermore, 9% of students believe that the department ought to put more effort into scheduling professional lectures, workshops, and career counseling sessions. Additionally, 14.03% of students are concerned about how well ICT-enabled teaching resources work in the classroom. 18.5 % of students are concerned about teaching an additional course in the current syllabus.

Any other suggestion on curriculum: Students have been suggested to teach contemporary topics of HRM, banking and corporate finance and suggested to organize professional lectures on the use of technology on startup and entrepreneurship management domains. Students have suggested to plan activities for improvement in communication, professional skills and overall development and suggested to conduct industrial visit and expert talk for beneficial business exposure and expanding departmental activities such as management games and marketing games.





Department of Business Studies

Session 2023-24

Teachers' Feedback on Curriculum

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form - II Teacher's Feedback on Curriculum					
S.No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	8	9	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	8	9	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	7	8	0	2
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	9	8	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	7	10	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	8	9	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	9	8	0	0
8	Library has extensive collection of high quality and relevant textbooks and reference materials to meet students' overall academic need.	8	9	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	9	8	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	9	8	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	7	8	0	2
12	Any other comments/suggestions: see the interpretation of teacher survey result				





(b) **Bar chart representation of the teachers' response to questions in survey**

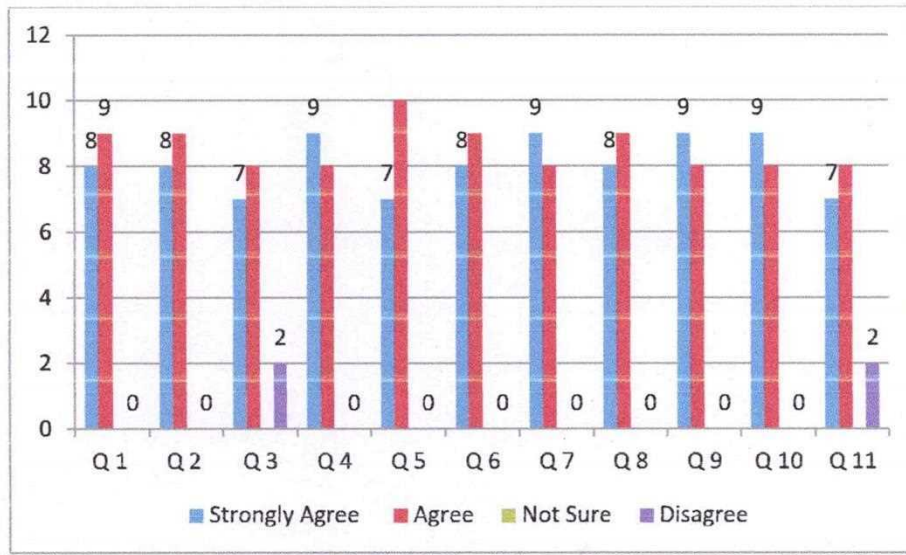


Figure 2. Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Teacher's Survey Results

There is a high degree of satisfaction with the curriculum according to instructor comments. Every instructor concurs that the curriculum offers a suitable blend of fundamental and practical subjects, arranged in a logical order and with the right number of credits assigned. Additionally, they attested to the precise definition of the course objectives and the applicability and relevance of the suggested texts and reference materials. Furthermore, the system of internal examinations and assessments is thought to be equitable in gauging the intellectual advancement of students.

Teachers have, however, identified some areas that need work. More specifically, 11.76% of respondents think that the curriculum should be updated to offer additional course to better reflect the demands of the modern industry. Additionally, 11.76% of educators suggested stepping up efforts to bring in outside experts for lectures, seminars, and workshops from the academic and business worlds.

Any other suggestion on curriculum: Teachers have proposed additional courses on public speaking that will improve the current curriculum. Teachers have suggested that seminars and workshops on soft skill development and personality development program with outside specialists need to be scheduled to enhance the skill development of students.





Department of Business Studies

Session 2023-24

Alumni' Feedback on Curriculum

(a) The following table presents the number of alumni' response against each option for every question included in the survey.

Form - III					
Alumni' Feedback on Curriculum and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	8	8	0	0
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	6	10	0	0
3	Contents of the curriculum have effectively prepared me for pursuing higher education or securing employment.	7	9	0	0
4	The syllabus taught during degree program is relevant and has helped me to fulfill industry requirements.	6	7	0	3
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	8	8	0	0
6	The syllabus and its implementation have helped me achieve the desired graduate outcomes.	7	9	0	0
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	6	10	0	0
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	7	9	0	0
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	8	8	0	0
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	7	7	0	2
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	6	7	0	3
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by institute, helped you effectively in the industry.	7	9	0	0
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	6	10	0	0
14	The security, CCTV, fire extinguishers, first-aid, and medical facilities available in the institute campus were satisfactory.	9	7	0	0
15	The Institute's alumni web portal and other initiatives of Alumni Connect are commendable.	9	7	0	0
16	Any other comments/suggestions: see the interpretation of Alumni survey result				





(b) Bar chart representation of the alumni' response to questions in survey

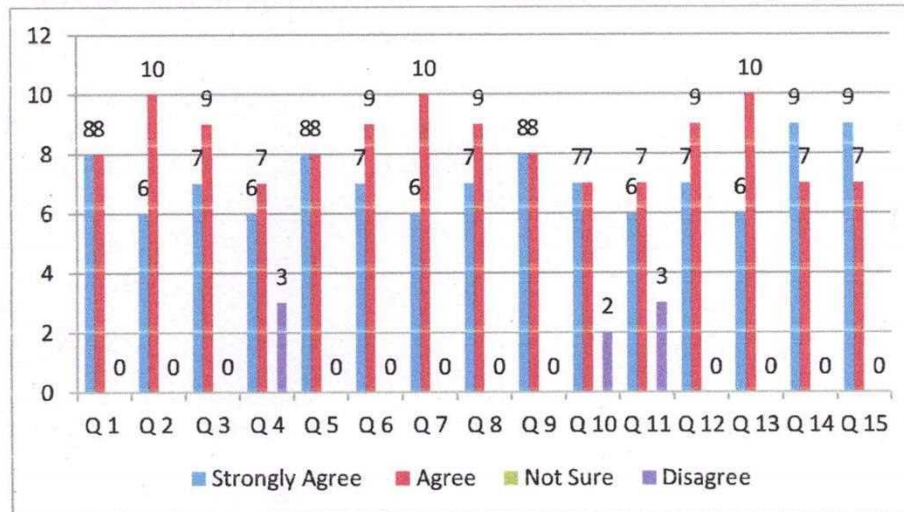


Figure 3. Chart for the alumni' responses (Q1 to Q15 from left to right)

Interpretation of the Alumni's Survey Results

The examination of comments from graduates indicates that many of the curriculum's components and the institution's support are highly regarded. The syllabus strikes a solid mix between core and applied subjects, according to all graduates (100%) who also find that the courses they took like those they would take in the job. They also express great satisfaction with the institution's innovation and entrepreneurship activities, the relevance of the electives, and the effect of internships on their professional development. The campus's amenities, such as the restaurant, sports and cultural facilities, security measures, CCTV, fire extinguishers, first aid kits, and medical services, are also valued by alumni. Other highly praised initiatives are the alumni online portal and others.

However, feedback highlights certain areas that require improvement. A little over 12% of alums feel that the department should do a better job of organizing industry visits, workshops, and expert talks. In addition, 18.75% of alumni expressed concern about the syllabus's need for revision to better conform to market norms. Additionally, 18% of graduates believe that career counseling sessions on resume writing and new trends in placement that support for competitive testing should be provided to assist with finding work possibilities.

Any other suggestion on curriculum: Alumni suggested that the department should conduct industrial visit to industrial exposure for acquaint students at the workplace. Alumni suggested to offering courses related to public speaking and to teach contemporary topics of corporate finance, business environment and banking in the curriculum to keep it current with industry demands. Alumni suggested to put more effort for organizing expert talk, workshop and industrial visit to enhance students' practical knowledge.





Department of Business Studies

Session 2023-24

Employer' Feedback on Curriculum

(a) The following table presents the number of employer responses against each option for every question included in the survey.

Form - IV Employer' Feedback on Curriculum					
S. No.	How satisfied are you with the student s work performance in each of the areas:	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	2	2	0	1
2	Technical knowledge/skill	2	3	0	0
3	Shows initiative and takes responsibility	2	3	0	0
4	Ability to take up extra responsibility and work beyond schedule	1	4	0	0
5	Uphold professional ethics in their current roles	1	4	0	0
6	Collaborative teamwork skills	2	3	0	1
7	Effective leadership/management skills	2	2	0	1
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	3	2	0	0
9	Understand and apply management principles, planning, and project management in their work	3	2	0	0
10	The curriculum taught has nurtured creative thinking skills among students.	2	2	0	1
11	The curriculum emphasized fostering problem-solving skills in students.	1	3	0	1
12	The curriculum contents are aligned with current industrial requirements.	2	2	0	1
13	Any other comments/suggestions: see the interpretation of employer survey result				





(b) Bar chart representation of the employer response to questions in survey

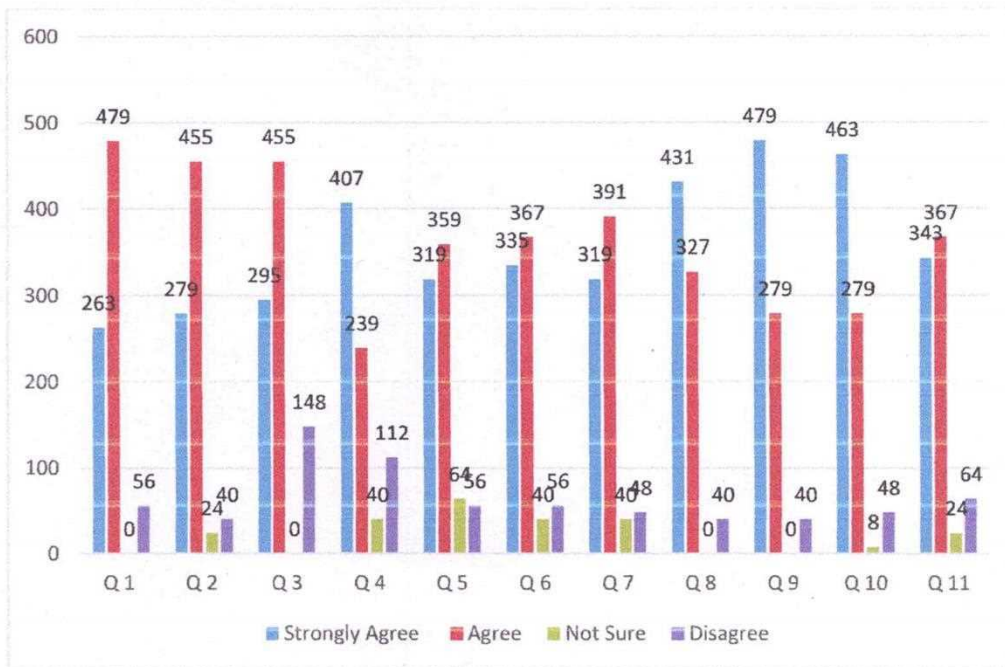


Figure 4. Chart for the employer's responses (Q1 to Q12 from left to right)

Interpretation of the Employer's Survey Results

100% of employers agree that employees demonstrate strong technical skills and initiative and can take on extra responsibilities and work beyond schedule. 100% also note that they uphold professional ethics and are open to learning new techniques. Additionally, 100% find that employees effectively apply management and project planning principles.

20% of employers feel that there are areas for improvement related to skillset possessed by employees for communication skills, collaborative teamwork abilities, creative thinking and problem-solving skills, leadership and management skills. Furthermore, 20% think the curriculum content should be updated to fully align with current industrial requirements.

Any other suggestion on curriculum: The department should provide industrial exposure to students, which will enhance their practical understanding and readiness for real-world challenges. The department should teach additional curriculum content which is aligned to the industry requirements.





Panipat Institute of Engineering & Technology

Department of Business Studies

Session 2023-2024

Summary of Stakeholders Feedback on Academic Performance & Ambience

The detailed feedback from students, teachers, alumni, and employers shows a high degree of satisfaction with both the curriculum and institutional support. Student, teacher and employer commend the quality of the syllabus, noting its good balance between core and applied subjects, adequate teaching hours, and well-organized course content. Student, teacher alumni also appreciate the use of audio-visual tools in classrooms, the relevance and extensive collection of high-quality textbooks and reference materials, and the effectiveness of the academic support and facilities including ICT-enabled tools and well-equipped laboratories. Employer feedback highlight that students excel in communication, technical and professional skill, while demonstrating strong capabilities in taking extra responsibilities and adopting new idea.

The feedback from students, teachers, alumni, and employers highlights several common concerns that need to be addressed.

- Students, teachers, alumni and employer suggested teaching additional topics in syllabus to align with current industry requirements. Students, teachers and alumni suggested teaching additional topics in HRM, Business environment, banking, insurance and Finance.
- Student, teacher and alumni suggested to offer additional course on public speaking to meet the academic and career goals and to enhance student communication, and relationship building skill.
- Student, teacher and employer suggested that the department put more efforts to enhance technical, communication skills and profession skill. Student, teacher and employer suggested to conduct Student Enrichment Program to improve students' communication skills, data analysis skill, interview skill.
- Student, teacher and alumni suggested to invite external experts from academia and industry who bring relevant expertise will frequently invite to conduct workshops, seminars, and lectures. Student, teacher and alumni suggested to plan activities like expert talk on current industrial trends, workshop of financial modeling and-industrial visit to understand the current industrial practices.
- Students and alumni expressed that the department should more actively assist the students in identifying career opportunities by conducting career counseling sessions and offering support for competitive examination. Students and alumni suggested having career





guidance session on current career opportunities to enhance recent trends in placement and resume development.

- Student and employer suggested that the department should organize skill development activities to improve students' team building, problem-solving and creative thinking. Student and employer suggested to organize student enrichment activities such as team-based projects and collaborative assignments to enhance teamwork and problem-solving abilities and to host innovation challenges to foster creativity and critical thinking.





Panipat Institute of Engineering & Technology
Department of Computer Applications (BCA)
Feedback Analysis Report on Academic Performance and Ambience
Session 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Students
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size for Session 2022-23

Sr. No.	Stakeholder's Name	Count
1	Students	710
2	Teacher	27
3	Alumni	30
4	Employer	7





Panipat Institute of Engineering & Technology

Department of Computer Applications (BCA)

Session 2023-24

Students' Feedback on Academic Performance & Ambience of the institution

(a) The following table presents the number of students' responses against each option for every question included in the survey.

Form – I					
Students' Feedback on Academic Performance & Ambience of the institution					
S. No	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	415	259	17	19
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	258	410	35	7
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	369	167	64	110
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	357	306	20	27
5	Course Outcomes were explained to you in each subject by the teacher?	354	308	13	35
6	Course content is well structured and adequate to achieve expected course outcomes.	387	280	27	16
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	423	235	33	19
8	The textbooks and reference books listed in your syllabus were relevant and useful.	520	150	27	13
9	The library has a substantial collection of high-quality textbooks and reference materials.	167	369	110	64
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	99	573	15	23
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	410	258	7	35
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	235	298	80	97
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	489	45	84	92





14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	354	187	73	96
15	Any other comments/suggestions: See the interpretation of student survey result				
16	Do you agree that ambience in the library, classrooms and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	528	147	7	28
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	573	99	23	15
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	423	235	19	33
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	520	150	13	27
20	Any other comments/suggestions: See the interpretation of student survey result				

(b) Bar chart representation of the students' response to questions in survey

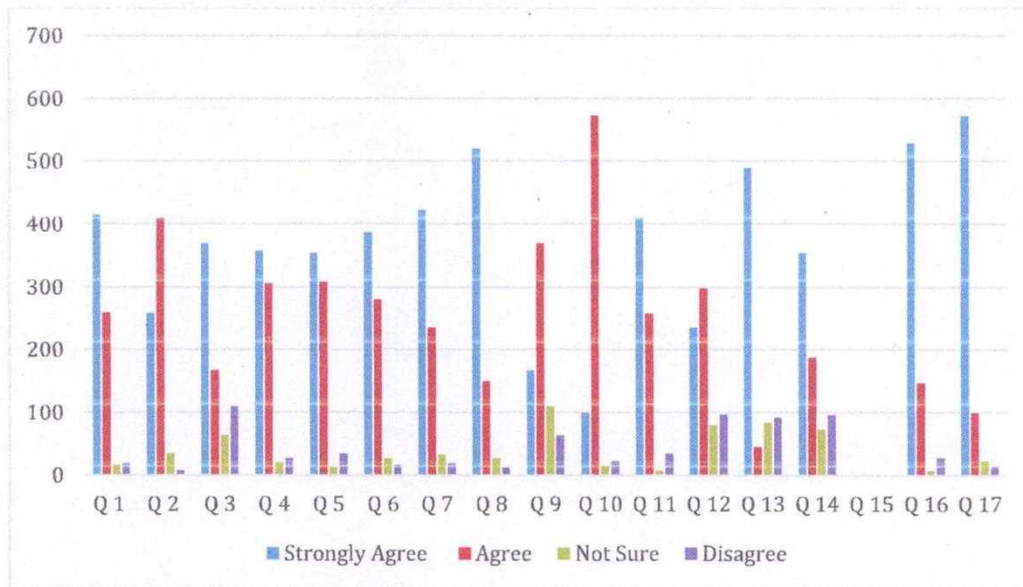


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)





Interpretation of the Students Survey Results

The institution generally receives positive feedback across various aspects. 95.5% of students agree or strongly agree that the library has adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers. The same percentage believes that the syllabus quality is comparable to other universities and that sufficient teaching hours are allocated in the timetable for all subjects. A very high percentage 94.5% of students agree that the institution provides adequate infrastructure and support, including ICT-enabled classrooms, well-equipped laboratories, hostels, auditorium, and a comprehensive library and the internal evaluation practices are viewed positively by 94.6% of students, who find them transparent with an efficient grievance redressal system. Similarly, 94.2% feel that the textbooks and reference books listed in the syllabus are relevant and useful. The curriculum and teaching methods are well-received, with 93.8% of students agreeing that teachers frequently utilize audio-visual tools to enhance the teaching-learning process. The same percentage believes that the curriculum offers a good balance between core and applied subjects, and course outcomes were explained by teachers in each subject.

Regarding the syllabus content, 93% of students agree that it covers contemporary topics aligned with industry requirements, and the course content is well-structured to achieve expected outcomes. The institution's ambience also receives high marks, with 92.3% agreeing that the library, classrooms, laboratories, and sports/cultural facilities support learning and overall development.

However, there's room for improvement in some areas. 24.5% of students are dissatisfied with the current curriculum's ability to meet their academic and career goals and library's collection of high-quality textbooks and reference materials

The department's efforts in improving communication, technical, and professional skills and The initiatives for professional development, such as expert talks and industrial visits are seen to be improved by 25% of students. However, 23.8% of students suggest that the department actively assists in identifying career opportunities through counselling and exam support.

Any other suggestion in curriculum: Students' suggestions indicate an interest in enhancing professional development offerings, covering career guidance, communication skills, and technical training.





Department of Computer Applications (BCA)

Session 2023-24

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents the number of teachers' responses against each option for every question included in the survey.

Form - II Teacher's Feedback on Curriculum					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	22	5	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	13	13	0	1
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	12	14	0	1
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs) .	7	19	0	1
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	23	4	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	16	10	0	1
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	15	10	0	2
8	Library has an extensive collection of high quality and relevant textbooks and reference material to meet students' overall academic needs.	13	14	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	16	7	0	4
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	18	9	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	19	2	0	5
12	Any other comments/suggestions: See the interpretation of teacher survey result				





(b) Bar chart representation of the teachers' response to questions in survey.

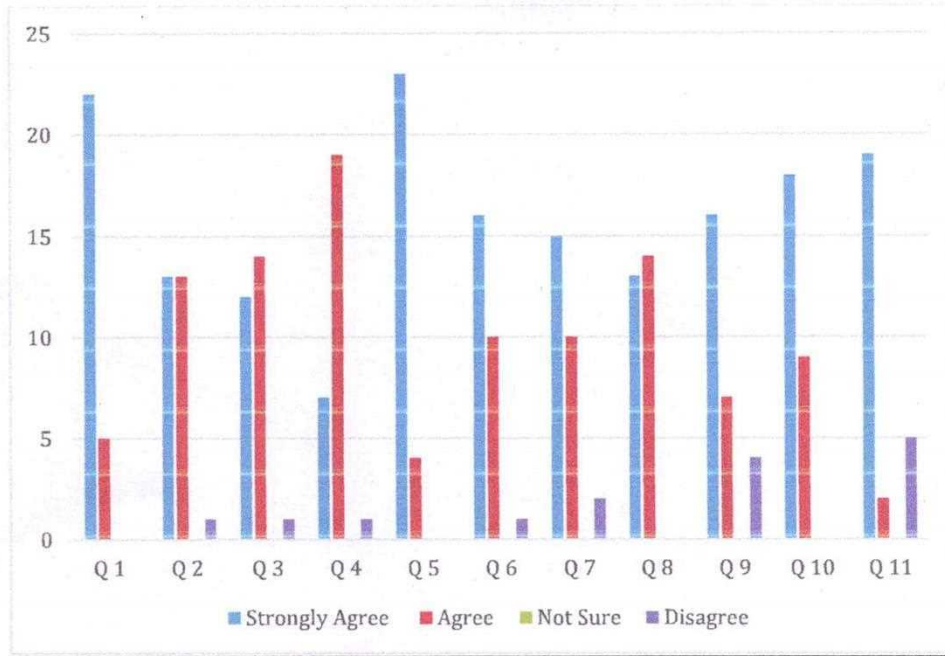


Figure 2. Chart for the Teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Teacher Survey Results

The curriculum and institutional support receive overwhelmingly positive feedback from the teaching staff. 100% of teachers agree on three key aspects: the curriculum offers a good balance between core and applied subjects, the institute facilitates teachers' participation in university curriculum development and additional courses, and the library has an extensive collection of high-quality and relevant textbooks and reference materials to meet students' overall academic needs. Same proportion of teachers agree on internal examination and evaluation system is unanimously viewed as fair in assessing students' academic progress, 96.3% of teachers agree that the syllabus contents are well-sequenced with appropriate credit allocation, the syllabus content is sufficient to achieve stated Course Outcomes and Program Outcomes, and the course outcomes are clearly defined with a relevant process for achieving program outcomes. Regarding the curriculum's alignment with industry requirements, teachers believes that it is up-to-date and meets current industry needs. The recommended texts and reference books listed in the syllabus are considered pertinent and useful by 92.6% of the teachers. The same percentage agrees that the syllabus aids students in cultivating analytical, problem-solving, and design thinking abilities.





However, there is some room for improvement. The invitation of external experts from academia and industry for workshops, seminars, and lectures receives a mixed response, with 22.2% of teachers suggest that this area requires improvement. This suggests that while the practice is common, there might be opportunities to increase the frequency or diversity of such events.

Any other suggestion in curriculum: Teachers highlighted the need for career counseling and additional courses for students to provide with greater exposure to industrial trends and expertise.





Department of Computer Applications (BCA)

Session 2023-24

Alumni' Feedback on Academic Performance & Ambience

(a) The following table presents the number of alumni responses against each option for every question included in the survey.

Form – III					
Alumni' Feedback on Academic Performance & Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	19	9	1	1
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	10	19	1	0
3	Contents of the curriculum have effectively prepared me for pursuing higher education or securing employment.	10	18	2	0
4	The syllabus taught during the degree program is relevant and has helped me to fulfill industry requirements.	17	12	1	0
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	15	13	0	2
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	26	3	0	1
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	13	15	1	1
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	12	16	0	2
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	7	22	0	1
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	11	12	3	4
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	18	6	4	2
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by the institute, helped you effectively in the industry.	16	12	2	0
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	22	6	1	1
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	24	5	0	1
15	The Institutes alumni web portal and other initiatives of Alumni Connect are commendable.	16	6	1	7
16	Any other comments/suggestions: See the interpretation of alumni survey result				





(b) Bar chart representation of the alumni' response to questions in survey

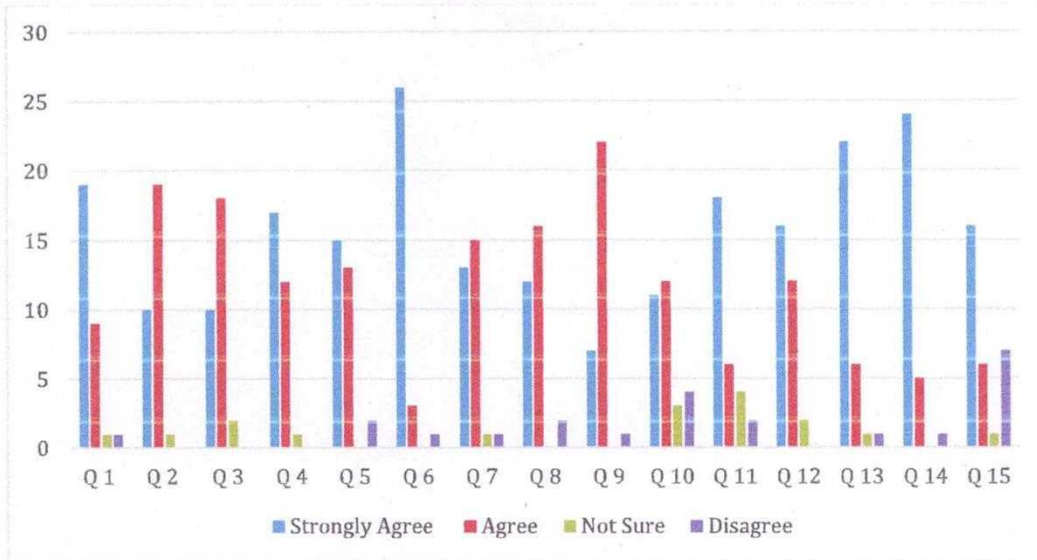


Figure 3. Chart for the Alumni' responses (Q1 to Q15 from left to right)

Interpretation of the Alumni Survey Results

The institution receives generally positive feedback across various aspects from its alumni. 96.7% of alumni agree or strongly agree that the courses they studied are comparable with what their workplace colleagues studied in other institutes/universities, and that the contents of the curriculum have effectively prepared them for pursuing higher education or securing employment. The same percentage feels that the syllabus taught during the degree program is relevant and has helped them fulfil industry requirements and also agrees that the academic support and facilities provided by the institute, including classrooms, ICT tools, laboratories, and library, have been effective in their industry work. The syllabus and its implementation receive strong approval, with same percent of alumni agreeing that it has helped them achieve the desired graduate outcomes and the security measures, including CCTV, fire extinguishers, first aid, and medical facilities available on campus, were satisfactory. Regarding the curriculum structure, Institutional initiatives on innovation and entrepreneurship are well-received and alumni finding them helpful for their current roles and responsibilities.





93.3% of alumni agree that the syllabus taught during their degree program provides a good balance between core and applied subjects. The same percentage finds that the electives offered throughout the program have been beneficial to their professional careers, Internships and projects are viewed positively by same percent of alumni, who agree that these have enabled them to develop professional skills essential for professional growth and career readiness, the textbooks and reference materials listed in the syllabus are considered relevant and the canteen, sports, cultural, and other recreational facilities on campus are satisfactory

However, there are areas with room for improvement. Only 23.3% of alumni suggest improvement in the department's initiatives, such as expert talks, workshops, and industrial visits contributed to their professional development. Similarly, 20% feel that the department actively assisted them in identifying career opportunities through counselling and exam support need to be improved. 26.7% of alumni, suggesting potential for enhancement in this area. The Institute's alumni web portal and other Alumni Connect initiatives.

Any other suggestion in curriculum: Alumni suggested the need for career counseling sessions and alumni talk for greater exposure to industrial trends and expertise.





Department of Computer Applications (BCA)

Session 2023-24

Employer' Feedback on Academic Performance

(a) The following table presents the number of employer responses against each option for every question included in the survey.

Form - IV					
Employer' Feedback on Academic Performance					
S. No.	How satisfied are you with the student's work performance in each of these areas:	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	3	2	0	2
2	Technical knowledge/skill	2	3	0	2
3	Shows initiative and takes responsibility	2	5	0	0
4	Ability to take up extra responsibility and work beyond schedule	3	4	0	0
5	Uphold professional ethics in their current roles	5	2	0	0
6	Collaborative teamwork skills	6	1	0	0
7	Effective leadership/management skills	3	4	0	0
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	3	3	0	1
9	Understand and apply principles, planning, and project management in their work	4	3	0	0
10	The curriculum taught has nurtured creative thinking skills among students.	1	4	1	1
11	The curriculum emphasized fostering problem-solving skills in students.	4	1	0	2
12	The curriculum contents are aligned with current industrial requirements.	3	3	0	1
13	Any other comments/suggestions: See the interpretation of employer survey result				





(b) Bar chart representation of the employer response to questions in survey

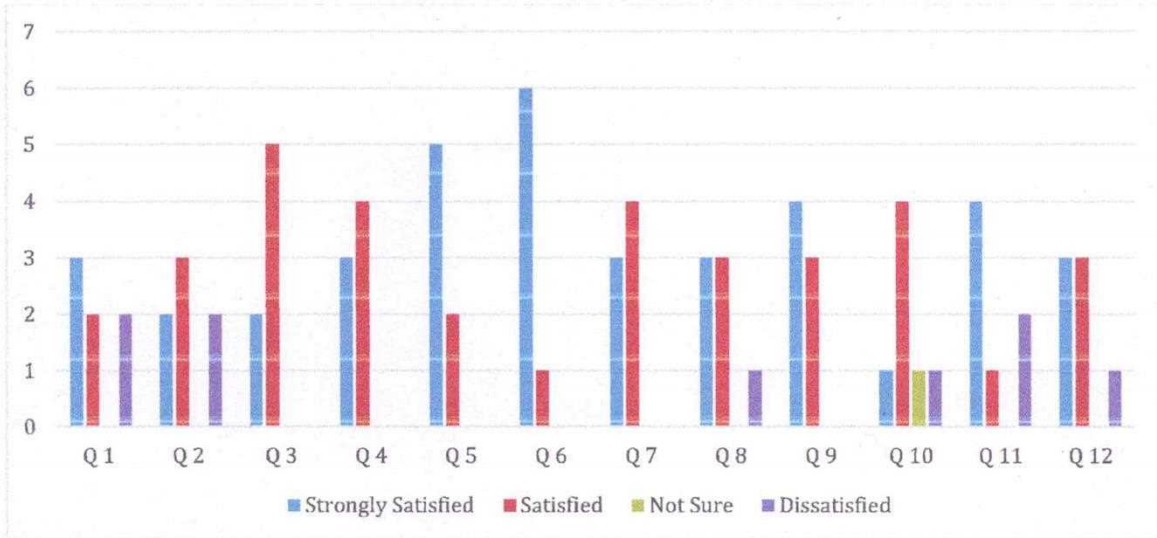


Figure 4. Chart for the Employers' responses (Q1 to Q12) from left to right)

Interpretation of the Employers Survey Results

The employers express high satisfaction in several key areas of their employees' performance. 100% of employers are satisfied or strongly satisfied with the employees' ability to show initiative and take responsibility, their willingness to take up extra responsibility and work beyond schedule, their upholding of professional ethics in current roles, their collaborative teamwork skills, their effective leadership and management skills, and their ability to understand and apply management principles, planning, and project management in their work.

85.7% of employers are satisfied with the employees' open-mindedness and enthusiasm about adopting new ideas and learning innovative techniques. The same percentage agrees that the curriculum contents are aligned with current industrial requirements.

Regarding technical knowledge/skills and general communication skills, 28.6% of employers suggesting some room for improvement in these areas. Same proportion of employers indicating a potential area for enhancement in the educational program in curriculum that emphasis on fostering problem-solving skills.

Any other suggestion in curriculum: Employers indicated the need for additional courses for students to meet academic and career goals.





Panipat Institute of Engineering & Technology

Department of Computer Applications (BCA)

Session 2023-2024

Summary of Stakeholders Feedback on Academic Performance & Ambience

Based on the feedback from students, teachers, alumni, and employers, the institution generally receives positive reviews across various aspects of its academic programs and facilities.

The curriculum is widely appreciated for offering a good balance between core and applied subjects, with content that is contemporary, well-structured, and aligned with industry requirements. Both students and alumni find the syllabus relevant and helpful in meeting their academic and career goals. Teachers and employers agree that the curriculum fosters analytical, problem-solving, and design thinking abilities in students.

The teaching methods and resources are well-received, with widespread use of audio-visual tools and ICT-enabled classrooms enhancing the learning experience. The textbooks and reference materials are considered relevant and useful by all stakeholders. The library resources and facilities are generally viewed positively, with an extensive collection of high-quality reference materials.

The institution's infrastructure, including laboratories, hostels, auditorium, and recreational facilities, receives high marks from students and alumni. Safety measures, including security personnel, CCTV surveillance, and fire extinguishers, are well-regarded.

Internships, projects, and industry-oriented initiatives are seen as beneficial for students' professional development and career readiness. The institution's efforts in fostering innovation and entrepreneurship are appreciated by alumni and employers.

The internal evaluation system is viewed as fair, transparent, and efficient by both students and teachers. Course outcomes are clearly defined and explained by teachers in each subject.

Employers express high satisfaction with graduates' professional ethics, teamwork skills, leadership abilities, initiative, and willingness to take on extra responsibilities. They also appreciate the employees' ability to understand and apply management principles and their open-mindedness towards new ideas and techniques.

The institution facilitates teachers' participation in curriculum development and additional courses, which is viewed positively by the teaching staff.





Despite the positive feedback from students, teachers, alumni, and employers, several suggestions have been made to enhance students' academic and professional development.

1. Students, teachers and employers indicated that the current curriculum needs to be updated to meet academic and career goals. Students, teachers and employers suggested offering additional courses in data analysis and machine learning to meet academic and career goals.
2. Students, teachers, and employers expressed that the department's initiatives, such as expert talks, workshops, and industrial visits should be improved to effectively contribute to the professional development of students. Students, teachers, and employers suggested arranging industrial visits each semester, expert lectures on skill showcasing, confidence building, success essentials, lateral thinking, and professional networking.
3. Students, teachers and alumni indicated that the department should organize career counseling sessions and offer support for competitive examinations to actively assist students in identifying career opportunities. Students, teachers and alumni suggested conducting regular career counseling sessions covering industry trends, placement preparation, and technological challenges.
4. Students, teachers, and alumni indicated that departmental efforts should be enhanced in improving communication, technical and professional skills fostering overall development of the student. Students, teachers, and alumni suggested organizing, conducting workshops on full-stack development, arranging expert lectures on UI/UX design, and fostering industry collaborations.
5. Students and alumni expressed that the Institutes alumni web portal and other initiatives of Alumni Connect should be improved. Students and alumni suggested organizing periodic alumni talks to strengthen connections and provide insights from experienced professionals.





Panipat Institute of Engineering & Technology
Department of Civil Engineering
Feedback Analysis Report on Academic Performance and Ambience
Session 2023-2024

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Students
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	27
2	Teacher	7
3	Alumni	12
4	Employer	5





Panipat Institute of Engineering & Technology

Department of Civil Engineering

Session 2023-24

Students' Feedback on Curriculum And ambience of the institution

(a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Students' Feedback on Academic Performance & Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	17	8	1	1
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	9	15	2	1
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	18	5	1	3
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	6	17	2	2
5	Course Outcomes were explained to you in each subject by the teacher?	16	8	1	2
6	Course content is well structured and adequate to achieve expected course outcomes.	19	4	0	4
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	6	20	1	0
8	The textbooks and reference books listed in your syllabus were relevant and useful.	23	2	0	2
9	The library has a substantial collection of high-quality textbooks and reference materials.	19	7	1	0
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	12	13	1	1
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	17	9	1	0
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	7	17	0	3
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	18	4	0	5
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	7	16	0	4
15	Any other comments/suggestions: See the interpretation of student survey results				
16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development?	17	8	1	1





17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	6	19	2	0
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	20	7	0	0
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	5	18	3	1
20	Any other comments/suggestions: See the interpretation of student survey results				

(b) Bar chart representation of the students' response to questions in survey

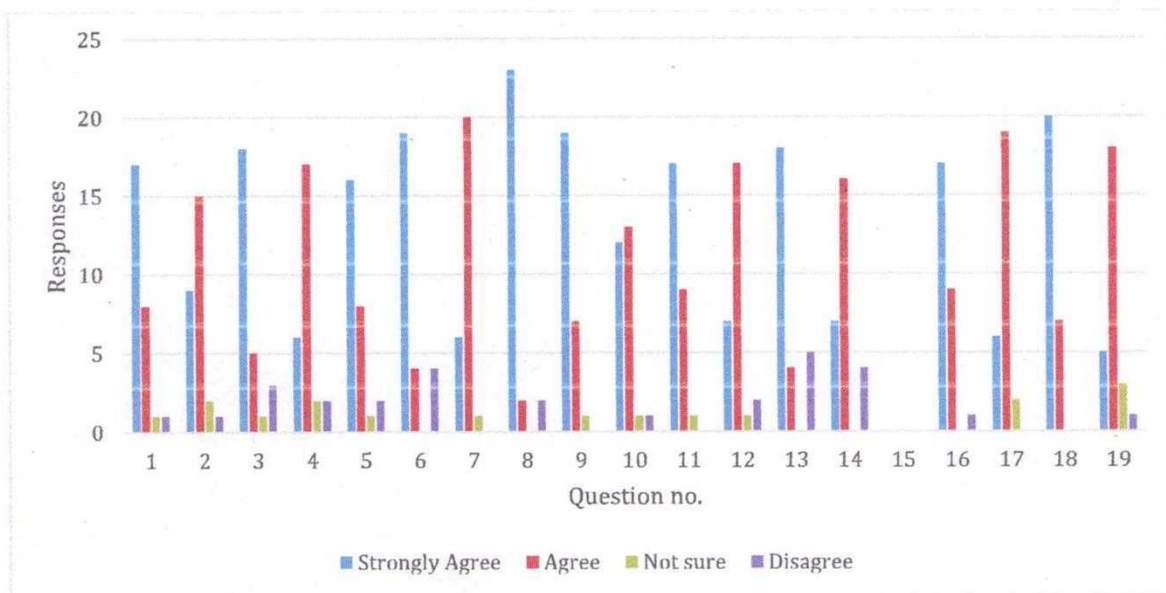


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of student survey results:

The feedback on the curriculum reflects high satisfaction on quality of the syllabus taught to students is comparable to that of other universities admitted by 92.6% students, similar proportion of students widely acknowledged the textbooks and reference books listed in their syllabus are relevant and useful, and praised that internal evaluation practices and the grievance redressal system for internal assessment is efficient and adheres to set timelines, as well as adequate infrastructure including ICT-enabled classrooms, well-equipped laboratories, and comprehensive library facilities are appreciated by them. 88.9% students agreeing on the curriculums offers good balance between core and applied subjects, and were satisfied on that course outcomes are adequately explained and teaching hours are sufficient, similar percentage of students were strongly agreed with departmental efforts are effective in developing





communication, technical, and professional skills fostering overall development of the student. 85.2% students agreed on the syllabus covers contemporary topics aligned with industry requirements, they also agreed that the institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions. 96.3% students were agreed that sufficient teaching hours (credits) were allocated in your timetable for all subjects, and the library has a substantial collection of high-quality textbooks and reference materials are available, similar proportion appreciated that teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process. The ambience in the library, classrooms, and laboratories is supportive for learning, sports and cultural facilities are conducive to their overall development admitted by same proportion. 100% students were highly satisfied that adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.

However, based on student feedback, 11.1% of students have expressed scope for enhancement the current curriculum to meet their academic and career goals. 14.8% of the students mentioned to add extra topics in course content so that it will be well structured and adequate to achieve expected course outcomes, same proportion suggested that the department should conduct frequent career guidance sessions. 18.5% students demanded workshops/session should be conducted on “Building Information Modelling” learn to develop BIM projects using ArchiCAD software.

Any other suggestion on curriculum: Students suggested additional courses in the field of structure design and additional content for “Surveying” should be provided.





Department of Civil Engineering

Session 2023-24

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form – II					
Teacher's Feedback on Academic Performance & Ambience of the institution					
S.No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	4	3	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	3	4	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements.	4	2	0	1
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	3	3	0	1
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	4	3	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	5	2	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	2	5	0	1
8	Library has extensive collection of high quality and relevant text books and reference materials to meet students overall academics needs.	4	3	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	4	3	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	2	5	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	4	2	0	1
12	Any other comments/suggestions: See the interpretation of teacher survey results				





b. Bar chart representation of the teachers' response to questions in survey

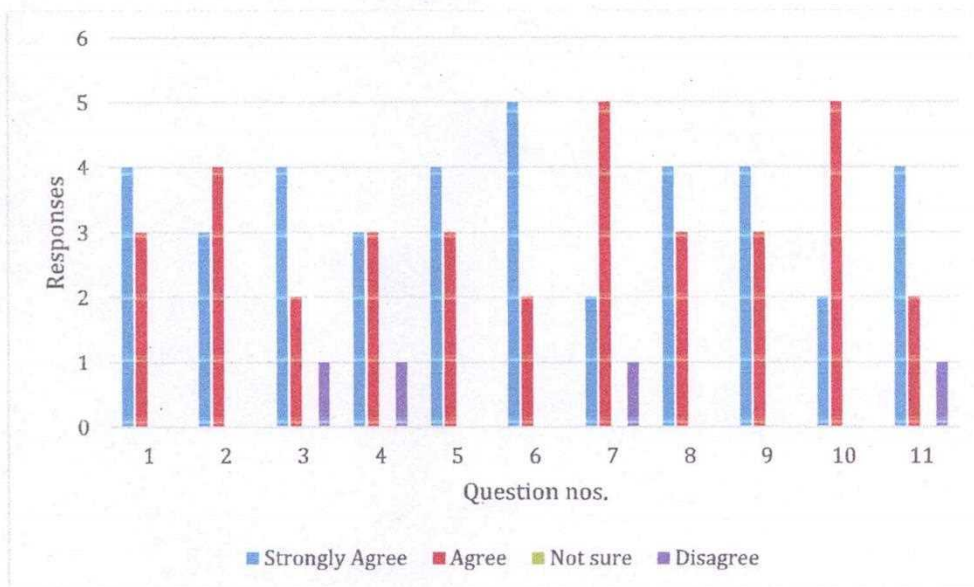


Figure 2. Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation:

The teacher's feedback survey indicates a strong agreement on several aspects of the curriculum and its implementation. A significant 100% of teachers agree that the curriculum offers a good balance between core and applied subjects and believe that the syllabus contents are well-sequenced with appropriate credit allocation, similar proportion of teachers find the course outcomes clearly defined and the process for achieving program outcomes relevant. Furthermore, 100% of teachers believe that the recommended texts and reference books are pertinent and useful. Teachers also report positive experiences with institutional support, also 100% agreeing that the institute facilitates their participation in curriculum development and additional. Fair assessment through the internal examination and evaluation system is confirmed by 100% of teachers. Regarding developing students' skills, 100% of teachers agree that the syllabus aids in cultivating analytical, problem-solving, and design thinking abilities.

While 14.3% teachers were less agreeing with the curriculum is up-to-date and aligned with current industry requirements and same were not agreeing with syllabus content is sufficient to achieve the stated course outcomes and program outcomes. Similar proportions of teachers have





also disagreed with external experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars and lectures.

Any other suggestion on curriculum: Teacher's suggested that additional course in the field of structure design and more content in the field of "Surveying" should be delivered, and expert lecture/workshop/sessions related to latest development and new trends in civil engineering should be organized.

The stamp is circular with the text "Institute of Engineering & Technology" around the perimeter and "IQAC" in the center.



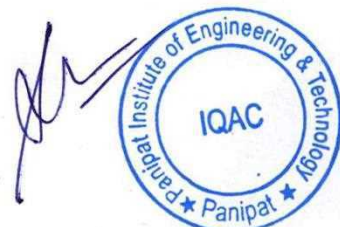
Department of Civil Engineering

Session 2023-24

Alumni' Feedback on Academic Performance & Ambience.

(a) The following table presents the number of alumni' response against each option for every question included in the survey.

Form - III					
Alumni' Feedback on Academic Performance & Ambience of the institution					
S.No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	7	5	0	0
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	6	6	0	0
3	Contents of the curriculum has effectively prepared me for pursuing higher education or securing employment.	5	7	0	0
4	The syllabus taught during degree program is relevant and has helped me to fulfill industry requirements.	5	7	0	0
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	11	1	0	0
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	4	8	0	0
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	3	9	0	0
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	8	4	0	0
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	2	7	0	0
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	6	5	0	1
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	5	5	0	2
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by institute, helped you effectively in the industry.	8	4	0	0
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	7	5	0	0
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	6	6	0	0
15	The Institute's alumni web portal and other initiatives of Alumni Connect are commendable.	7	5	0	0
16	Any other comments/suggestions: See the interpretation of alumni survey results				





b) Bar chart representation of the alumni' response to questions in survey

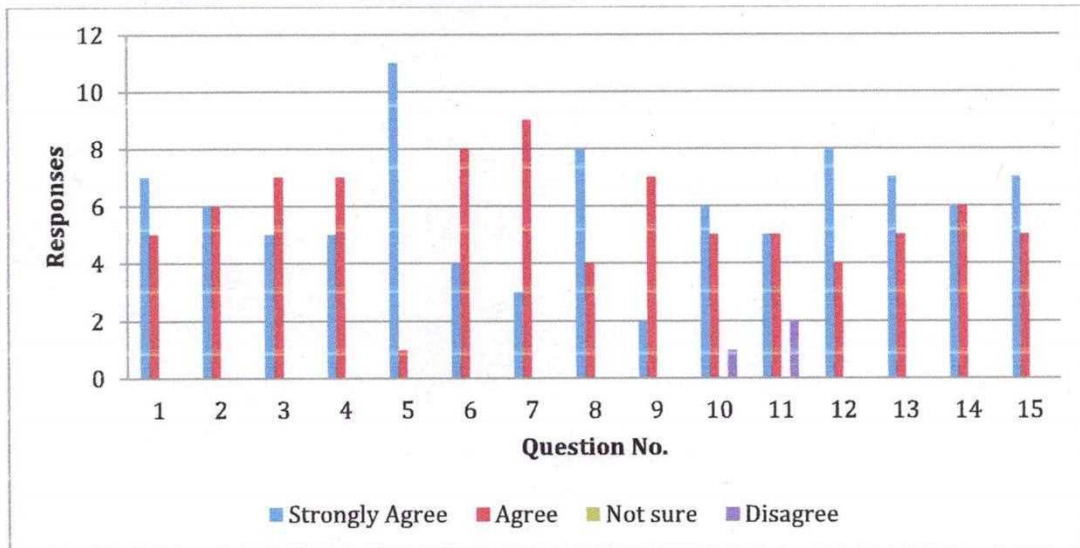


Figure3. Chart for the alumni' responses (Q1 to Q15 from left to right)

Interpretation of alumni survey results:

The alumni feedback analysis indicates a high level of satisfaction across various aspects of the curriculum and institutional support. 100% of alumni agree that the syllabus provides a good balance between core and applied subjects. Additionally, 100% of alumni find that the courses they studied are comparable to those studied by their workplace colleagues from other institutes also they agreed on those contents of the curriculum has effectively prepared them for pursuing higher education or securing employment. The electives offered throughout the program are seen as beneficial by 100% of alumni. Furthermore, 88.8% of alumni believe that the syllabus and its implementation have helped them achieve desired graduate outcomes, and that internships and projects have enabled them to develop essential professional skills. Textbooks and reference materials are deemed relevant and useful by 100% of alumni, and institutional initiatives on innovation and entrepreneurship are considered helpful by 100%. The academic support and facilities, including classrooms, ICT tools, laboratories, and library, are found effective by 100% of alumni. Recreational facilities, including the canteen, sports, and cultural amenities, are satisfactory by 100% of alumni. The Institute's alumni web portal and other initiatives of alumni connect receive commendation from 100% of alumni.

However, 8.3% of alumni were less agreeing with the department's initiatives, such as expert talks, workshops, and industrial visits. 16.6% alumni were not agreeing with the department





actively assisted students to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations

Any other suggestion on curriculum: Alumni suggested practical exposure should be given relative to innovative & contemporary techniques such as 3-D printing in concrete industry. They also suggested that department should organize career guidance session to support for competitive examinations.





Department of Civil Engineering

Session 2023-24

Employer' Feedback on Academic Performance

- (a) The following table presents the number of employer responses against each option for every question included in the survey.

Form - IV					
Employer' Feedback on Academic Performance & Ambience of the institution					
S.No.	How satisfied are you with the student's work performance in each of these areas:	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communications skills	1	4	0	0
2	Technical knowledge/skill	5	0	0	0
3	Shows initiative and takes responsibility	3	2	0	0
4	Ability to take up extra responsibility and work beyond schedule	2	3	0	0
5	Uphold professional ethics in their current roles	1	4	0	0
6	Collaborative teamwork skills	2	3	0	0
7	Effective leadership/management skills	2	1	0	1
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	0	5	0	0
9	Understand and apply principles, planning, and project management in their work	4	1	0	0
10	The curriculum taught has nurtured creative thinking skills among students.	1	4	0	0
11	The curriculum emphasized fostering problem-solving skills in students.	5	0	0	0
12	The curriculum contents are aligned with current industrial requirements.	4	1	0	0
13	Any other comments/suggestions: See the interpretation of employer survey results				





(b) Bar chart representation of the employer response to questions in survey

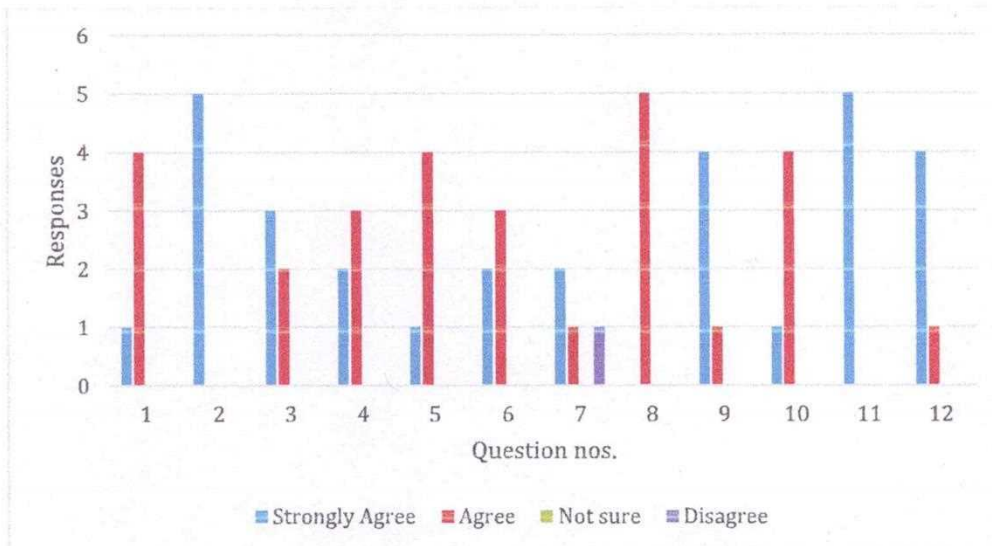


Figure 4. Chart for the employer' responses (Q1 to Q12 from left to right)

Interpretation of the Employers Survey Results

The employer feedback analysis on students' work performance reveals high satisfaction in several key areas. 100% of the employers are satisfied with students' general communication skills, technical knowledge/skill, initiative and responsibility-taking abilities, ability to take up extra responsibilities and work beyond schedules, professional ethics and collaborative teamwork skills. Furthermore, all employers find students are open-minded and enthusiastic about adopting new ideas and learning innovative techniques. Moreover, 100% of employers also acknowledge that the curriculum has effectively nurtured creative thinking and problem-solving skills.

However, 20% of employer were not agreed with effective leadership/management skills among students.

Any other suggestion on curriculum: Employer suggested that effective leadership/management skills enhancement workshop/session should be conducted in the area of entrepreneurship.





Panipat Institute of Engineering & Technology

Department of Civil Engineering

Session 2023-2024

Summary of Stakeholders Feedback on Academic Performance & Ambience

The comprehensive feedback from students, teachers, alumni, and employers reveals a high level of satisfaction with the curriculum and institutional support, along with some common suggestions for improvement. Stakeholders appreciate the quality of the syllabus, the balance between core and applied subjects, and the well-structured course content. They value the use of audio-visual tools in classrooms, the relevance of textbooks and reference materials, and the effectiveness of academic support and facilities, including ICT-enabled tools and well-equipped laboratories. Students, teachers, and alumni have expressed a high level of satisfaction with the library's collection, noting that the library has a substantial collection of high-quality textbooks and reference materials. Teacher's feedback survey is highly satisfactory on the institute facilitating teachers' participation in university curriculum development and additional courses. Moreover, feedback from all stakeholders also acknowledges that the curriculum has effectively nurtured creative thinking, cultivating analytical, problem-solving, and design thinking abilities. Lastly the feedback survey indicates high satisfaction with academic performance and institutes ambience.

However, receiving the positive feedback, following areas of improvements are identified:

- (a) Some students and teachers raise the concern with the current curriculum's ability to meet student academic and career goals. They suggested additional courses specifically on structure design should be offered.
- (b) Likewise, students and teachers feel that there is need to improvement in course content so that it will achieve expected course outcomes. For that they suggested that there is a requirement to offer content beyond the syllabus in the subject Surveying.
- (c) Moreover, the students and alumni were less agreed with department's initiatives such as expert talks, workshops, and industrial visits, and they suggested practical exposure should be given related to 3-D printing in concrete industry.





- (d) Students and teachers find the scope of improvement on departmental efforts that are effective in improving communication, technical and professional skills fostering overall development of the student so they suggested a technical knowledge enhancement workshop/session should be conducted in building design to improve students' skill set, enhancing their professional readiness.
- (e) Students and alumni believe that there is potential for enhancing the department's efforts in supporting career opportunities and have suggested that the department should organize career guidance sessions.
- (f) The employer focused on improving effective leadership/management skills among students and suggested that effective leadership/management skills enhancement workshop/session should be conducted in entrepreneurship.





Panipat Institute of Engineering & Technology

Department of Computer Science and Engineering

Feedback Analysis Report on Academic Performance and Ambience

Session 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	546
2	Teacher	34
3	Alumni	22
4	Employer	6





Panipat Institute of Engineering & Technology

Department of Computer Science and Engineering

Session 2023-24

Students' Feedback on Curriculum and ambience of the institution

- a) The following table presents the number of students' response against each option for every question included in the survey.

Form – I					
Students' Feedback on Academic Performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	312	199	27	8
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	304	196	35	11
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	286	154	26	80
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	278	211	44	13
5	Course Outcomes were explained to you in each subject by the teacher?	284	212	38	12
6	Course content is well structured and adequate to achieve expected course outcomes.	240	186	32	88
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	302	204	33	7
8	The textbooks and reference books listed in your syllabus were relevant and useful.	280	208	47	11
9	The library has a substantial collection of high-quality textbooks and reference materials.	303	193	41	9
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	293	195	48	10
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	313	189	33	11
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	259	188	20	79
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	273	162	26	85
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	293	219	21	13
15	Any other comments/suggestions on curriculum: See interpretation of student survey results				





16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	306	209	23	8
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	243	178	32	93
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	217	209	31	89
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	307	197	35	7
20	Any other comments/suggestions: See interpretation of student survey results.				

b) Bar chart representation of the students' response to questions in survey

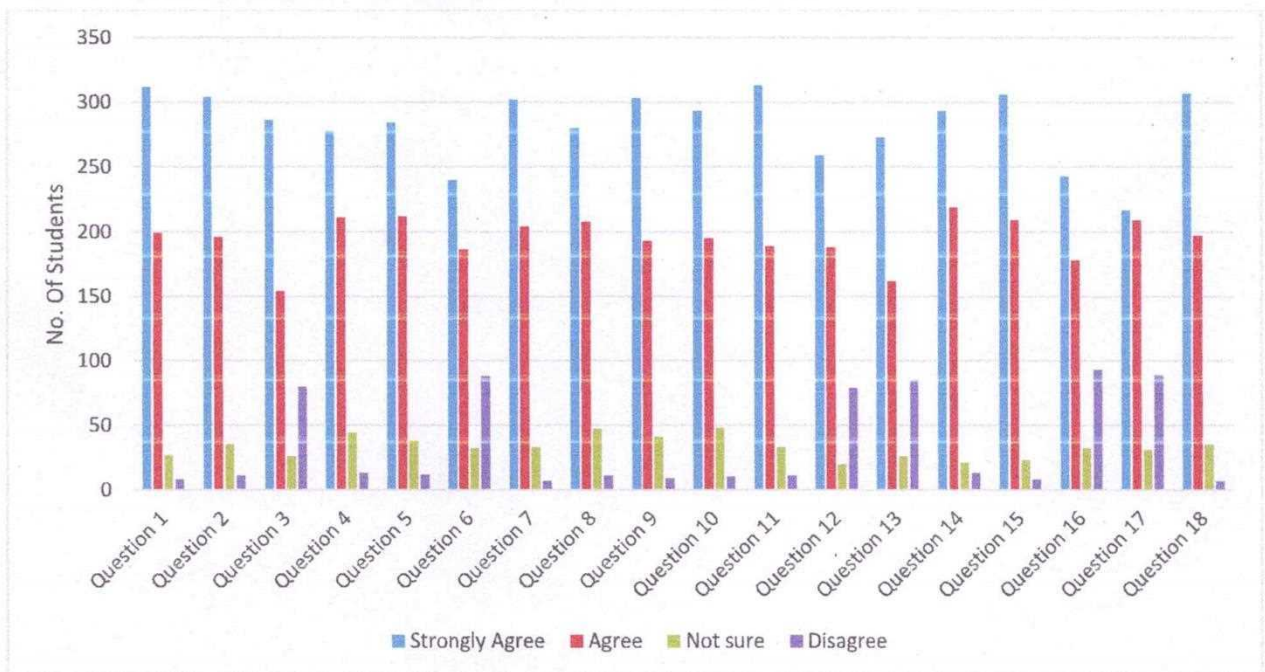


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of the Students Survey Results

Most students were satisfied with the syllabus, noting its effective balance between core and applied subjects and its relevance to their academic and career aspirations. The teaching hours were sufficient, and the course content was well-organized, with supportive textbooks and a well-equipped library. Internal evaluations were conducted transparently, and teachers made good use





of audio-visual tools. Students felt that the department effectively supported their development through the infrastructure and amenities provided.

About, 18% Students felt that the syllabus did not adequately address contemporary topics relevant to industry needs. They also identified that the department's initiatives, including expert talks, workshops, and industrial visits, were not making a significant impact on their professional development. Additionally, 15.2% Students felt that it is suggested that the department provide more assistance with career opportunity identification and offer greater support for students participating in coding competitions.

Any other suggestion on curriculum: Student recommended adding industry-oriented additional courses, increasing the frequency of workshops and industrial visits, and organizing career counselling sessions to enhance their professional development. Additionally, they suggested that more cultural events should be organized within the computer science department. Students suggested that participating in conferences could greatly enhance their research skills. By attending these events regularly, they would stay informed about the latest teaching methods, technological advancements, and industry trends.





Department of Computer Science and Engineering

Session 2023-24

Teachers' Feedback on Academic Performance & Ambience

- a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form – II					
Teacher's Feedback on Academic Performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	20	14	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	22	12	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	18	12	0	4
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	21	13	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	25	9	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	23	11	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	20	14	0	0
8	Library has extensive collection of high quality and relevant textbooks and reference materials to meet students overall academic records.	28	6	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	27	7	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	26	8	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	18	9	0	7
12	Any other comments/suggestions: See interpretation of teacher survey results				





b) Bar chart representation of the teachers' response to questions in survey

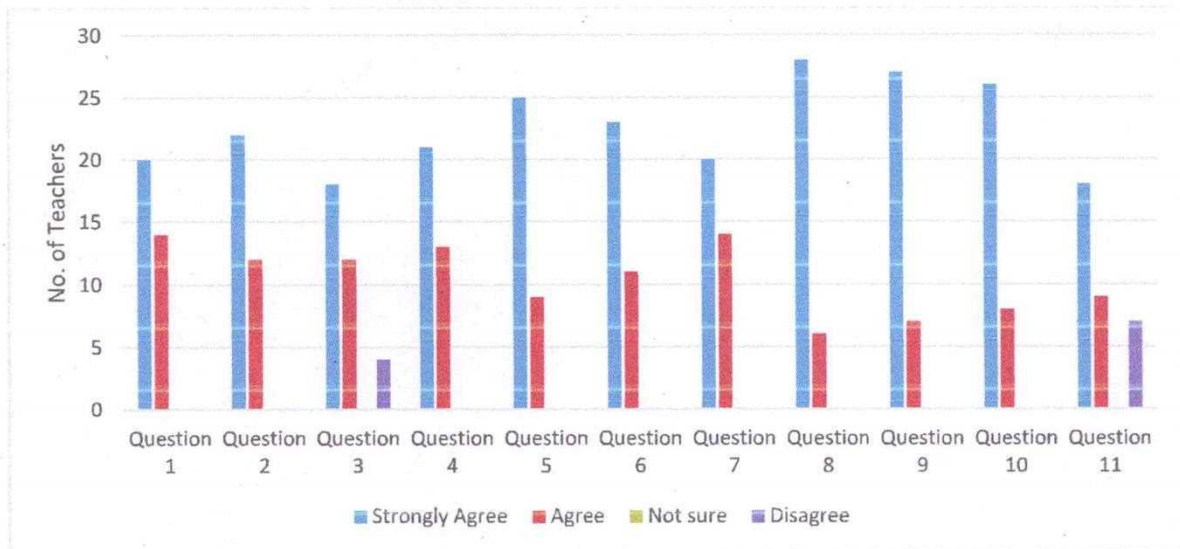


Figure 2. Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Teacher Survey Results

All teachers agreed that the institution's curriculum is effectively balanced, integrating core and applied subjects. The syllabus is well-organized and aligns clearly with Course and Program Outcomes (COs and POs). Faculty engagement in curriculum development is strongly supported, contributing to higher educational quality. The library's extensive resources support student success, and the syllabus emphasizes crucial analytical and problem-solving skills. Furthermore, the internal evaluation system guarantees fair assessments of students.

About 14.7% of Teachers expressed concern with the notion that the curriculum is current and aligned with contemporary industry requirements.

Despite this, the institution regularly invites external experts from academia and industry to conduct workshops, seminars, and lectures.

Teachers recommended adding additional courses and inviting external experts to discuss the latest technologies. These measures would keep the curriculum aligned with industry requirements, provide insights into emerging industry trends, and better prepare students for the evolving job market.

Any other suggestion on curriculum: Teachers suggested that actively participating in the faculty development programs and conferences they are frequently invited to could greatly enhance their professional development. By engaging regularly in these events, they would be able to stay informed about the latest teaching methods, educational technologies, and industry trends.





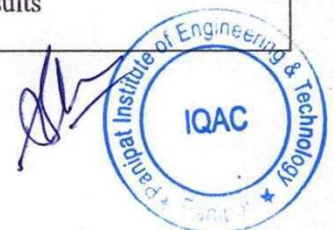
Department of Computer Science and Engineering

Session 2023-24

Alumni' Feedback on Academic Performance & Ambience

(a) The following table presents the number of alumni' response against each option for every question included in the survey.

Form – III					
Alumni' Feedback on Academic Performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	12	10	0	0
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	13	9	0	0
3	Contents of the curriculum have effectively prepared me for pursuing higher education or securing employment.	14	8	0	0
4	The syllabus taught during degree program is relevant and has helped me to fulfill industry requirements.	10	7	0	5
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	15	7	0	0
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	10	6	0	6
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	14	4	0	4
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	12	10	0	0
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	14	8	0	0
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	16	6	0	0
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	14	8	0	0
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by institute, helped you effectively in the industry.	16	6	0	0
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	16	6	0	0
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	17	5	0	0
15	The Institute's alumni web portal and other initiatives of Alumni Connect are commendable.	12	10	0	0
16	Any other comments/suggestions: See interpretation of alumni survey results				





(b) Bar chart representation of the alumni' response to questions in survey

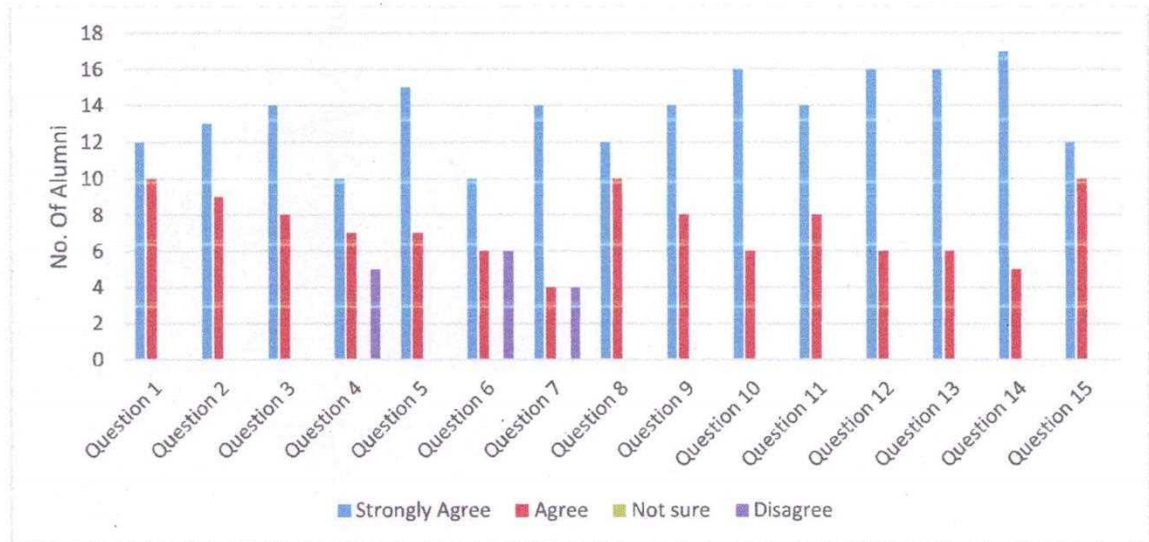


Figure 3. Chart for the alumni' responses (Q1 to Q13 from left to right)

Interpretation of the Alumni Survey Results

All alumni were pleased with the curriculum, highlighting its effective balance between core and applied subjects. They found it comparable to programs at other institutions and felt well-prepared for both further education and employment. The electives provided were advantageous for their careers, and the institution's focus on innovation and entrepreneurship proved valuable in their current roles. Alumni also appreciated the academic support and campus facilities, including safety measures, and praised the Institute's alumni web portal and Alumni Connect initiatives.

Approximately, 25.1% of alumni suggested that the relevance of the syllabus to industry needs and the effectiveness of internships in developing essential professional skills.

Any other suggestion on curriculum: They acknowledged the value of departmental initiatives, such as workshops and industrial visits, but felt that these could be enhanced to better support their professional growth. Additionally, they believed that with more stout support, the department could provide even greater assistance in exploring career opportunities. The alumni suggested adding more additional courses, increasing the number of industrial visits and organizing more expert talks and career counseling sessions. Alumni suggested more cultural events should be organized within the computer science department.





Department of Computer Science and Engineering

Session 2023-24

Employer' Feedback on Academic Performance

- (a) The following table presents the number of employer responses against each option for every question included in the survey.

Form – IV					
Employer' Feedback on Academic Performance and Ambience of the institution					
S. No.	How satisfied are you with the student's work performance in each of these areas.	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	3	1	0	2
2	Technical knowledge/skill	2	2	0	2
3	Shows initiative and takes responsibility	5	1	0	0
4	Ability to take up extra responsibility and work beyond schedule	4	2	0	0
5	Uphold professional ethics in their current roles	3	3	0	0
6	Collaborative teamwork skills	5	1	0	0
7	Effective leadership/management skills	4	2	0	0
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	6	0	0	0
9	Understand and apply principles, planning, and project management in their work	5	1	0	0
10	The curriculum taught has nurtured creative thinking skills among students.	4	2	0	0
11	The curriculum emphasized fostering problem-solving skills in students.	3	3	0	0
12	The curriculum contents are aligned with current industrial requirements.	2	2	0	2
13	Any other comments/suggestions: See interpretation of employer survey results				





(b) Bar chart representation of the employer response to questions in survey

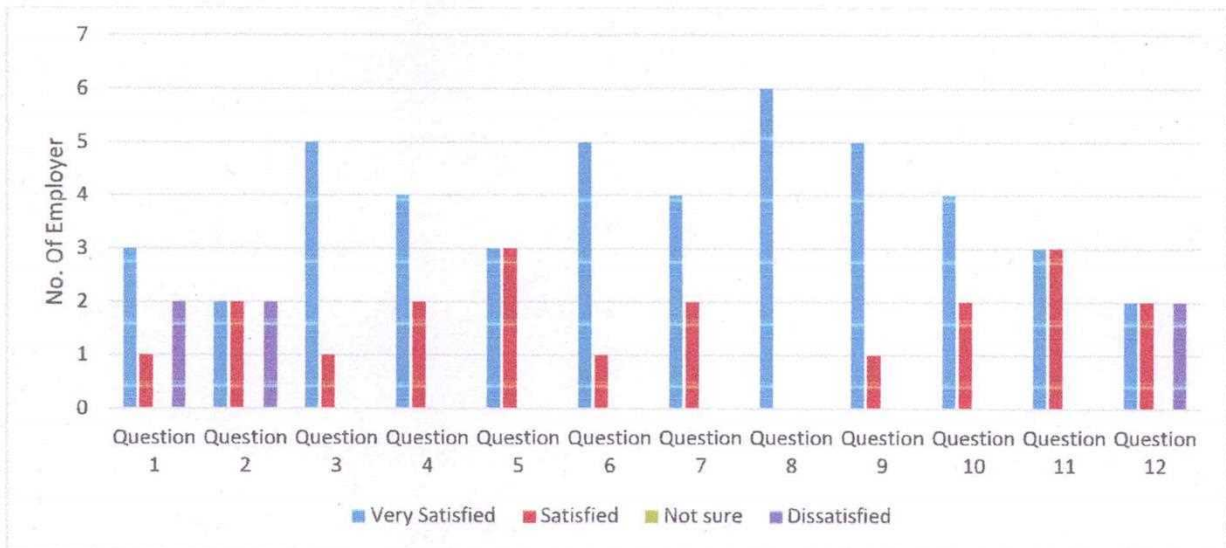


Figure 4. Chart for the employer' responses (Q1 to Q12 from left to right)

Interpretation of the Employers Survey Results

All employers expressed satisfaction with the graduates' sense of responsibility, professional ethics, teamwork, and leadership abilities. They valued the graduates' openness to new ideas and their effective application of management principles. Additionally, the curriculum was praised for nurturing creative thinking skills.

Employers expressed concern about graduates' general communication skills and technical knowledge. They observed that the curriculum needed to strengthen its emphasis on problem-solving skills and better align with current industry standards.

Any other suggestion on curriculum: Employers suggested adding industry-oriented courses on the latest technologies to better align graduates' skills with current market demands and enhance their job readiness.





Panipat Institute of Engineering & Technology

Department of Computer Science and Engineering

Session 2023-2024

Summary of Stakeholders Feedback on Academic Performance & Ambience

The feedback collected from students, teachers, alumni, and employers includes a range of suggestions for potential improvements, yet it reflects a high level of overall satisfaction with the current curriculum. There is a consensus among students, faculty, and alumni that the syllabus quality is commendable. They feel that the curriculum does a good job of balancing core subjects with applied topics, ensuring a comprehensive educational experience. Students and faculty appreciate the well-structured nature of the course content. They believe it is adequately designed to meet expected learning outcomes and are satisfied with the amount of teaching time allocated to each subject. Teachers have expressed satisfaction with the support provided for curriculum development. They value the availability of additional educational options and resources, which contribute to their ability to deliver high-quality instruction. Feedback from students highlights several positive aspects of institutional practices. The institution is praised for its transparent evaluation processes and efficient handling of grievances. Students also note the effective use of audio-visual tools in their learning, which enhances their educational experience. The supportive learning environment is another strong point mentioned in the feedback. The institution provides necessary amenities and maintains safety measures, contributing to a positive and secure educational setting.

Despite the positive feedback following, area of improvement is identified:

- Students, faculty, and alumni have indicated that the to better meet students' academic and career goals curriculum should be updated. They have proposed to offer additional courses in areas related to full stack development and PHP and MongoDB.
- Students, faculty and alumni suggested that expert sessions should be organized for students in areas such as Data Visualization, Design thinking, critical thinking and innovation designs.
- Students, alumni and employers have proposed that the department should organize coding competition for students.





- Students and alumni expressed the need to organize cultural events to inculcate feeling of engagement and community service.
- Faculty expressed the need to focus on more faculty development programs in emerging areas.
- Students and faculty have highlighted the importance of prioritizing conferences to advance research within the computer science department and suggested organizing conferences providing research exposure to faculty as well as to students.





Panipat Institute of Engineering & Technology
Department of Cyber Security
Feedback Analysis Report on Academic Performance and Ambience
Year 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	84
2	Teacher	7





Panipat Institute of Engineering & Technology

Department of Cyber Security

Session2023-24

Students' Feedback on Academic Performance & Ambience of the institution

(a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Students' Feedback on Syllabus and its Transaction at the Institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	72	5	4	3
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	74	6	2	2
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	47	7	8	22
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	70	8	4	2
5	Course Outcomes were explained to you in each subject by the teacher?	75	5	3	1
6	Course content is well structured and adequate to achieve expected course outcomes.	75	4	4	1
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	76	3	2	3
8	The textbooks and reference books listed in your syllabus were relevant and useful.	74	6	2	2
9	The library has a substantial collection of high-quality textbooks and reference materials.	44	10	4	26
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	72	5	4	3
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	78	3	3	0
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	44	10	4	26
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	40	12	8	24
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination preparations.	47	7	8	22
15	Any other comments/suggestions on curriculum: See the interpretation of student survey result.				





16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	77	3	2	2
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	75	4	4	1
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	78	4	2	0
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	78	4	2	0
20	Any other comments/suggestions on ambience: See the interpretation of student survey result.				

(b) Bar chart representation of the students' response to questions in survey

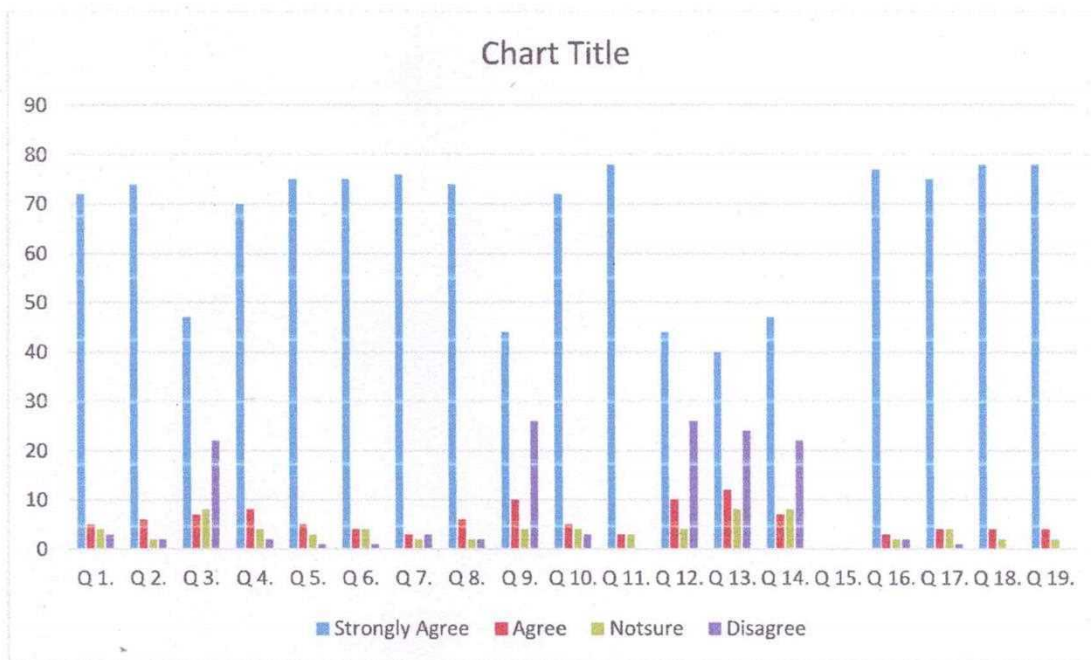
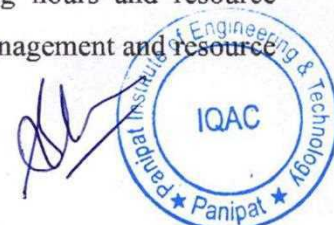


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of the Students' Survey Result

Most students agree that the quality of the syllabus is comparable to that of other universities. 95 percent students agree that the curriculum offers a good balance between core and applied subjects and feel positive with the Course Outcomes explained by the teacher. Most of the students, that is around 94 percent agreed about teaching hours allocated in their timetable. Many students suggest that the course content is largely effective in supporting the students' learning and helping them to achieve the course outcomes. This positive feedback on both teaching hours and resource relevance suggests that the program is well-structured in terms of time management and resource





selection. The feedback on the transparency and efficiency of internal evaluation practices is highly positive. 96 percent of the students agreed that the usage of audio-visual tools by the teachers effectively enhance the teaching-learning process and the feedback on the ambience of the library, classrooms, laboratories, and the support for sports and cultural facilities is highly positive. All students agreed on facilities and infrastructure provided by the institution, contributing to both academic learning and personal development. 100 percent of students feel safe and believe that security measures are in place.

Most of the students suggest that the library's collection needs substantial review and improvement. The institution should consider investing in more high-quality textbooks and reference materials that align with the student's curriculum and academic needs. 30 percent of the students suggested improving the engagement with industry professionals and alumni to gather insights on current industry trends and skills that are in demand. 28 percent of students showed concern about providing skill development programs through organizing Workshops, Seminars, and Guest Lectures in the department.

Any other suggestion on curriculum: The students suggested that department should conduct additional certification courses in areas like Cloud Computing and Ethical Hacking. The students suggested addition of more course related books in the library. The students proposed organizing competitive events wherein they might showcase their technological skills. Students also suggested that more efforts are required for providing industrial exposure. The students suggested that expert's sessions for Cyber Investigations and Digital Forensics should be organized. The students have proposed hosting a career exploration event focused on the field of Cyber Security. The goal would be to provide guidance and information about the various opportunities available in this growing industry.





Department of Cyber Security

Session2023-24

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents the number of teachers' responses against each option for every question included in the survey.

Form - II					
Teacher's Feedback on Academic Performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	5	2	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	5	2	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	2	3	0	2
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	5	2	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	4	3	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	5	2	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	4	3	0	0
8	Library has extensive collection of high quality and relevant textbooks and reference materials to meet students' overall academic needs.	3	3	0	1
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	5	2	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	4	3	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	3	2	0	2
12	Any other comments/suggestions: See the interpretation of teacher survey result				



(b) bar chart representation of the teachers' response to questions in survey

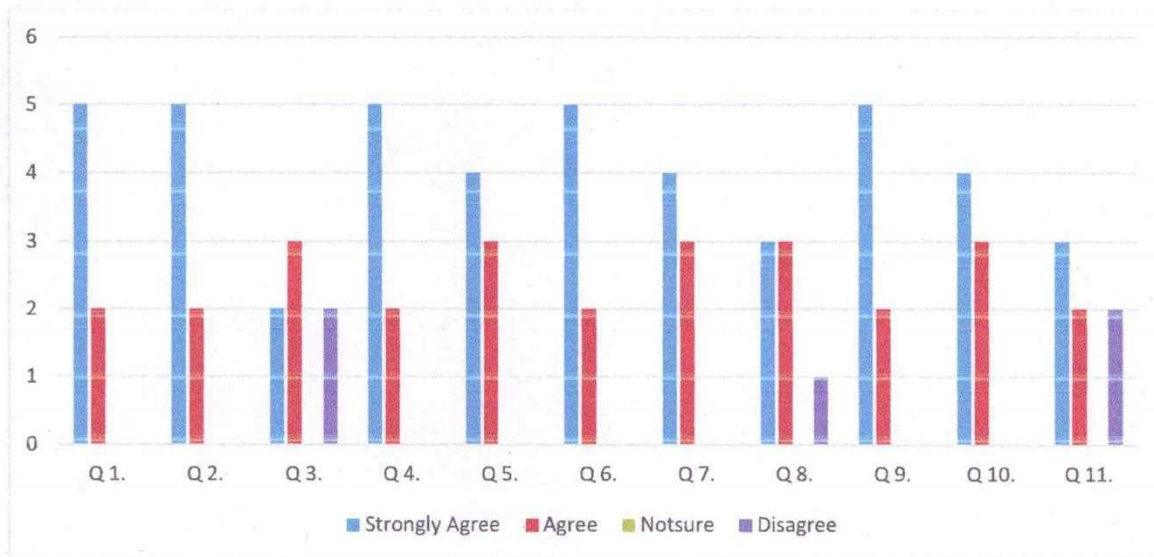


Figure 2. Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation of Teacher's Survey Results

The survey analysis suggests that most teachers feel the curriculum effectively integrates both fundamental theoretical knowledge and practical application. According to most faculties, the syllabus prescribed by the University is well-organized and the credit distribution is appropriate. These results suggest a strong overall satisfaction with the curriculum among teachers. Most teachers believe the syllabus content effectively meets the COs and POs. The survey results reflect that the institution is performing well in supporting teacher's participation in curriculum development and additional courses maintaining high standards in teaching. The faculty is also encouraged to participate in professional development and industry engagement activities to stay on the level of current trends and incorporate them into their teaching.

However, 28 percent of faculty members believe the curriculum might be more current and in line with what employers are looking. The feedback from faculties demanded a strategy to invite more external experts from academia and industry to conduct workshops, seminars, and lectures.

Any other suggestion on curriculum: Any other suggestion on curriculum: Additionally, faculty suggested that there should be some additional courses in areas like Ethical Hacking tools and Digital Forensics. Some faculty members also suggested to add more course relevant books according to new technology in the library. Faculty suggested for FDP that is essential for promoting excellence in teaching and research and supporting institutional goals.



Panipat Institute of Engineering & Technology

Department of Cyber Security

Session 2023-24

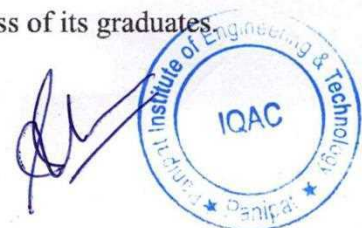
Summary of Stakeholders Feedback on Syllabus and its Transaction at the Institution

The combined feedback received from students and teachers reveals a high level of satisfaction with how the curriculum is structured. Many students and faculty appreciate the quality of the syllabus and the balance between core and applied subjects. Most students feel that course outcomes are clearly explained by their teachers, which is a positive indicator of effective communication. There is positive feedback from teachers about recommended textbooks and reference materials. The positive feedback from both teachers and students on teaching hours and resource relevance suggests that the program is well-structured. Most students feel that the amenities provided by the Institution such as audio-visual tools in classrooms, Internet facilities, well equipped laboratories are totally up to the mark.

Despite the positive feedback received from the stakeholders, the following issues are noted for improvement:

- a) Both students and faculty expressed concern about conducting some additional courses in the department that would meet their academic and career goals.
- b) Academic needs and curricular alignment are the main points of concern among students and teachers, who feel that department should consider investing in additional high-quality textbooks and reference resources.
- c) The Department should frequently conduct technical quizzes to evaluate students' technical skills based on input from students.
- d) Both Students and faculty proposed that professional development events, such as Industrial visits should be held more frequently.
- e) Workshops, seminars, and expert lectures in subjects including career counselling and digital forensics were proposed by both students and teachers.
- f) Students have suggested to organize carrier guidance session for identifying opportunities available in the field of Cyber Security.

These events can provide valuable insights and opportunities for internships and jobs. By addressing these concerns and aligning the curriculum more closely with contemporary industry requirements, the institution can enhance the employability and readiness of its graduates.





Panipat Institute of Engineering & Technology
Department of Electronics and Communication Engineering
Feedback Analysis Report on Academic Performance and Ambience
Session 2023-2024

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Students
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size

Sr. No.	Stakeholder's Name	Count
1	Students	53
2	Teacher	14
3	Alumni	07
4	Employer	05





Panipat Institute of Engineering & Technology
Department of Electronics and Communication Engineering
Session 2023-24

Students' Feedback on Academic Performance & Ambience of the institution

(a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Students' Feedback on Academic Performance & Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	25	27	0	1
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	27	26	1	0
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	15	28	0	10
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	12	32	0	9
5	Course Outcomes were explained to you in each subject by the teacher?	40	13	0	0
6	Course content is well structured and adequate to achieve expected course outcomes.	37	16	0	0
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	44	9	0	0
8	The textbooks and reference books listed in your syllabus were relevant and useful.	33	18	0	2
9	The library has a substantial collection of high-quality textbooks and reference materials.	33	18	0	2
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	25	28	0	0
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	44	9	0	0
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	15	32	0	6
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	12	30	0	11
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	11	33	0	9
15	Any other comments/suggestions: See the interpretation of student survey results				
16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	45	7	0	1
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	38	8	0	7
18	Adequate amenities are available, including internet facilities, transportation options, canteens and a gymnasium.	48	1	0	0





19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	47	6	0	0
20	Any other comments/suggestions: See the interpretation of student survey results				

(b) Bar chart representation of the students' response to questions in survey

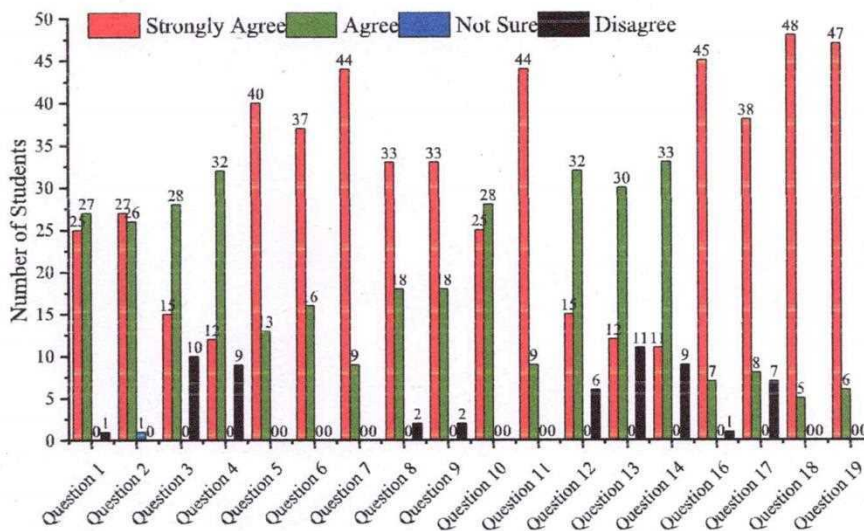
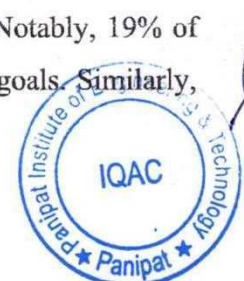


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of the Students Survey Results

The majority of students expressed a high level of satisfaction with various aspects of the institution. In terms of the syllabus quality, 98% of students agreed that it is comparable to other universities, while 96% believed the curriculum offers a good balance between core and applied subjects. Nearly all students felt that course outcomes are clearly explained and that the course content is well-structured. Similarly, 100% agreed that sufficient teaching hours are allocated, and 96% found the textbooks and reference materials relevant and useful. Transparency in internal evaluation is acknowledged by 100% of the students, with the same percentage agreeing that teachers frequently use audio-visual tools to enhance learning. The supportive ambience in the library, classrooms, and laboratories is appreciated by 98%, and 87% felt the infrastructure and amenities provided, including ICT-enabled classrooms and well-equipped laboratories, are adequate. All students are satisfied with the amenities available, including internet facilities, and the safety measures implemented by the institution.

Despite the overall positive feedback, a few areas of dissatisfaction emerged. Notably, 19% of students felt that the curriculum does not fully meet their academic and career goals. Similarly,





17% believed that the syllabus does not sufficiently cover contemporary topics aligned with industry requirements. Additionally, 21% of the students are not satisfied with the department's initiatives, such as expert talks, workshops, and industrial visits, in contributing to their professional development.

Any other suggestion on syllabus: As an additional suggestion, students expressed to conduct industrial visits, conduction of additional Courses. Moreover, the contents of sensors are also suggested by students to add in their regular syllabus. A motivational lecture and the lecture on VLSI are also expected by the students. Some of students also suggested to conduct the competition of the projects.





Panipat Institute of Engineering & Technology
Department of Electronics and Communication Engineering
Session 2023-24

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form - II Teacher's Feedback on Curriculum					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	9	5	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	12	2	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements.	9	3	0	2
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	10	4	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	11	3	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	12	2	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	9	5	0	0
8	Library has extensive collection of high quality and relevant text books and reference materials to meet students' overall academics needs.	9	5	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	8	6	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	12	2	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	8	4	0	2
12	Any other comments/suggestions: See the interpretation of teacher survey results				





(b) Bar chart representation of the teachers' response to questions in survey

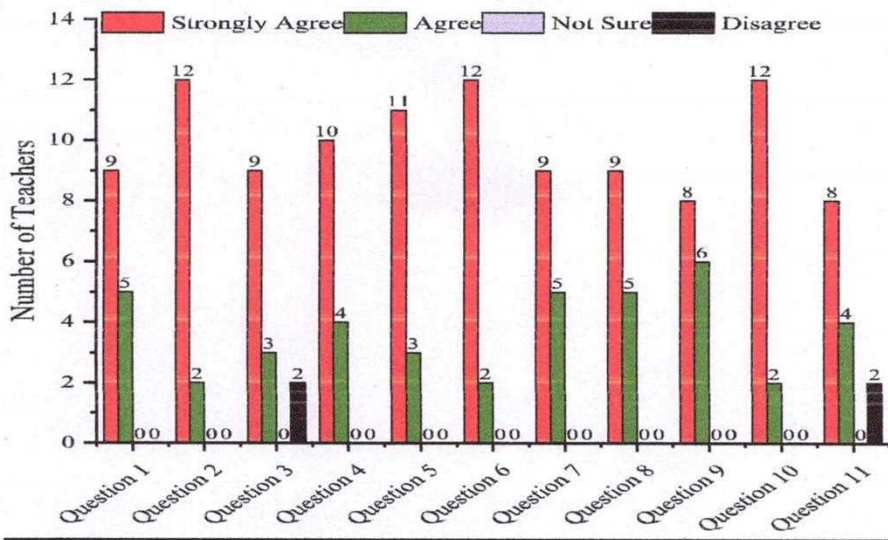


Figure 2. Chart for the teachers' responses (Q1 to Q10 from left to right)

Interpretation of the Teacher Survey Results

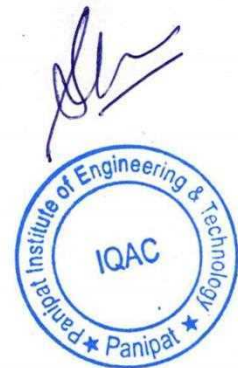
The majority of teachers expressed high levels of satisfaction with the curriculum. All teachers agreed that the curriculum offers a good balance between core and applied subjects. Similarly, 100% of teachers found the syllabus content to be well-sequenced, and the allocation of credits appropriate. The content's sufficiency in achieving the stated Course Outcomes (COs) and Program Outcomes (POs) is acknowledged by all teachers. Teachers also appreciated the institute's efforts to facilitate their participation in curriculum development, with 100% agreement. The clarity of course outcomes and relevance to program outcomes is affirmed by 100% of teachers. The recommended texts and reference books are found pertinent by 100% of teachers, and the library's extensive collection is also praised by all. Additionally, 100% agreed that the syllabus aids in cultivating analytical, problem-solving, and design thinking abilities, and that the internal examination system ensures fair assessment.

While the feedback is largely positive, there is some dissatisfaction among teachers, particularly regarding the curriculum's alignment with industry requirements and the involvement of external experts. Specifically, 14% of teachers disagreed that the curriculum is up-to-date and aligned with industry standards. Similarly, 14% of teachers were dissatisfied with the frequency of external experts being invited to conduct workshops, seminars, and lectures.





Any other suggestion on syllabus: As an additional suggestion, the teachers suggested to conduct the VAC signal/image processing for the students to align the curriculum with the industry requirements. Some extra topics on latest sensor and transducers used for IoT devices are suggested to teach in regular syllabus as add on. One expert lecture on VLSI and a motivational lecture are also expected by the teachers. Some teachers also suggested to conduct the workshop/bootcamp on Drone technologies.





Panipat Institute of Engineering & Technology
Department of Electronics and Communication Engineering
Session 2023-24

Alumni' Feedback on Academic Performance & Ambience

(a) The following table presents the number of alumni' response against each option for every question included in the survey.

Form - III					
Alumni' Feedback on Academic Performance & Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	3	4	0	0
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	5	2	0	0
3	Contents of the curriculum has effectively prepared me for pursuing higher education or securing employment.	4	3	0	0
4	The syllabus taught during degree program is relevant and has helped me to fulfill industry requirements.	2	4	0	1
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	3	3	0	1
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	3	4	0	0
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	3	3	0	1
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	5	2	0	0
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	3	3	0	1
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	3	3	0	1
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	6	1	0	0
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by institute, helped you effectively in the industry.	6	1	0	0
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	6	1	0	0
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	6	1	0	0
15	The Institute's alumni web portal and other initiatives of Alumni Connect are commendable.	3	3	0	1
16	Any other comments/suggestions: See the interpretation of alumni survey results				





b) Bar chart representation of the alumni' response to questions in survey

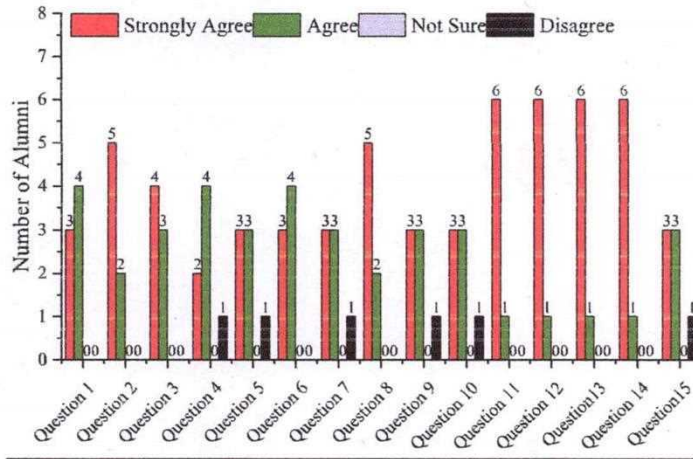


Figure 3. Chart for the alumni' responses (Q1 to Q15 from left to right)

Interpretation of the Alumni Survey Results

The alumni feedback reveals a strong satisfaction with the academic performance and ambience of the institution. All alumni agreed that the syllabus provided a good balance between core and applied subjects. Additionally, 100% of alumni feels that the courses they studied are comparable to those of their colleagues from other institutions. The curriculum effectively prepared 100% of the alumni for pursuing higher education or securing employment. The relevance of textbooks and reference materials is affirmed by 100% of the alumni. Career counseling and support for competitive examinations are highly rated, with 100% expressing satisfaction. 100% of alumni are also satisfied with the academic support, facilities, canteen, sports, cultural, and security arrangements provided by the institution. Moreover, 86% of the alumni commended the web portal and initiatives of Alumni Connect.

Despite the overall positive feedback, some areas of dissatisfaction are also noted. Specifically, 14% felt that the syllabus did not fully help them meet industry requirements. The same percentage (14%) expressed dissatisfaction with the benefit of electives offered throughout the program, the development of professional skills through internships and projects, the effectiveness of institutional initiatives on innovation and entrepreneurship, and the department's efforts in organizing expert talks, workshops, and industrial visits.





Any other suggestion on syllabus: Additionally, alumni suggested to add some VAC in the regular curriculum. Furthermore, sensor-based technologies and VLSI based knowledge are also suggested by alumni. Most of the alumni suggested to conduct some project competition for students to enhance various aspect of project management and ideas. They also commented to invited the alumni to interact with students. The bootcamp on drone technology is also suggested by some of the alumni.





Panipat Institute of Engineering & Technology
Department of Electronics and Communication Engineering
Session 2023-24

Employer' Feedback on Academic Performance

(a) The following table presents the number of employer responses against each option for every question included in the survey.

Form - IV Employer' Feedback on Academic Performance					
S. No.	How satisfied are you with the student's work performance in each of these areas:	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	3	2	0	0
2	Technical knowledge/skill	2	2	0	1
3	Shows initiative and takes responsibility	4	1	0	0
4	Ability to take up extra responsibility and work beyond schedule	3	2	0	0
5	Uphold professional ethics in their current roles.	3	2	0	0
6	Collaborative teamwork skills	4	1	0	0
7	Effective leadership/management skills	3	2	0	0
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	3	2	0	0
9	Understand and apply principles, planning, and project management in their work	3	1	0	1
10	The curriculum taught has nurtured creative thinking skills among students.	2	3	0	0
11	The curriculum emphasized fostering problem-solving skills in students.	2	3	0	0
12	The curriculum contents are aligned with current industrial requirements.	2	2	0	1
13	Any other comments/suggestions: See the interpretation of employer survey results				





(b) Bar chart representation of the employer response to questions in survey

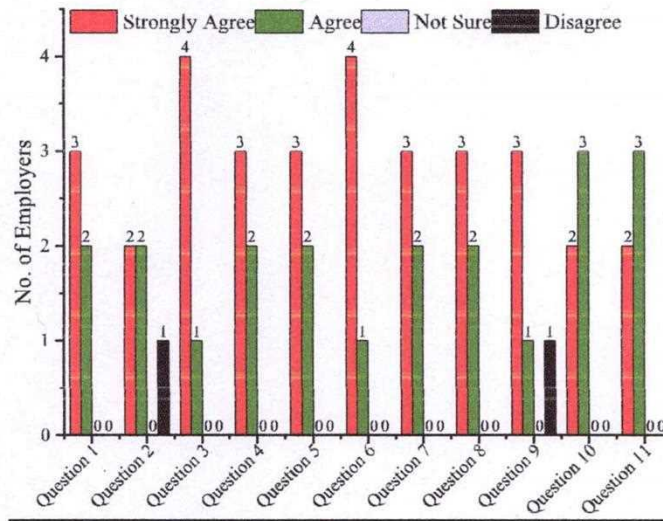


Figure 4. Chart for the employer' responses (Q1 to Q13 from left to right)

Interpretation of the Employers Survey Results

The employer feedback indicates a strong level of satisfaction with the performance of students in various areas. In terms of general communication skills, 100% of employers are satisfied. Similarly, 100% of employers are satisfied with the students' ability to take on extra responsibilities and work beyond their schedules, uphold professional ethics, demonstrate collaborative teamwork skills, and show effective leadership/management skills. Moreover, 100% of respondents appreciated the students' open-mindedness and enthusiasm for adopting new ideas and learning innovative techniques. Employers are also generally satisfied with students' understanding and application of management principles, planning, and project management, with 80% expressing satisfaction. Regarding the curriculum, 100% of employers feels it effectively nurtured creative thinking and problem-solving skills, aligning well with industrial requirements.

Despite the overall positive feedback, there is some dissatisfaction noted in certain areas. Specifically, 20% of employers are dissatisfied with the students' technical knowledge and skills. Additionally, 20% of employers expressed dissatisfaction with the students' understanding and application of management principles, planning, and project management in their work. There is also concern that the curriculum contents may not fully align with current industrial requirements, as 20% of employers are dissatisfied in this area. These insights suggest that while students





generally perform well, there may be a need for further emphasis on technical skills, management principles, and industry alignment within the curriculum.

Any other suggestion on syllabus: As an additional suggestion, employers suggest to enhance the students' technical skills to meet industry standards by introducing some showcase challenges in projects (either externally /internally). Moreover, sensor-based technologies are recommended by the students for enhancing their technical knowledge.





Panipat Institute of Engineering & Technology **Department of Electronics and Communication Engineering** **Session 2023-24**

Summary of Stakeholders Feedback on Academic Performance & Ambience

The feedback from students, teachers, alumni, and employers highlights a strong sense of satisfaction with various aspects of the institution. Students highly appreciate the syllabus quality, course structure, and relevance of textbooks, with most agreeing that teaching hours are sufficient and that internal evaluations are transparent. The institution's infrastructure, including ICT-enabled classrooms and well-equipped laboratories, is praised by nearly all students. Teachers and alumni echo this sentiment, commending the curriculum's balance between core and applied subjects, and the syllabus's ability to achieve course and program outcomes. Employers are also pleased with the students' communication skills, teamwork, leadership, and willingness to learn new techniques. The consensus is that the institution provides a supportive environment that prepares students well for higher education and professional careers.

Despite the positive feedback, following areas of improvements are identified:

- a) Some students, teachers and alumni feel that the curriculum does not fully align with industry requirements. Further, they mentioned conducting some of the VACs on VLSI and Image processing.
- b) Additionally, all stakeholders are also concerned about the syllabus for not covering contemporary topics that prepare a student for their career goals. As a suggestion, the add on topics are suggested to include in the regular syllabus like sensors and transducers. Moreover, some of the certifications on latest technologies are also recommended by students and employers.
- c) A notable percentage of students, alumni and teachers' alumni are also wishing improvement with the department's initiatives, such as expert talks and workshops, and the effectiveness of electives and internships in developing professional skills. Moreover, the industrial visits in DRDO, CSIR-CSIO, NBRC are mentioned by the responders that need to visit. Apart from this, an expert lecture on VLSI is also expected by the stakeholders.





- d) Further, the involvement of the department in career counselling was also marked as an improvement by alumni and students. They suggested conducting the alumni talk for career prospects.
- e) Moreover, students find the space for improvement in developing technical skills. Also, alumni and employer suggested boosting innovation and entrepreneurship skills through projects. For that they suggested conducting some projects competition from students. The boot camp on good technology was also suggested by them along with teachers.
- f) The teachers separately find to develop the skills using the FDP. They are less in agreement with the experts from academia and industry who bring relevant expertise and are frequently invited for workshops. For that, they suggested conducting the FDP on Soft computing.





Panipat Institute of Engineering & Technology
Department of Information Technology

Feedback Analysis Report on Academic Performance and Ambience
Session 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	122
2	Teacher	10
3	Alumni	12
4	Employer	5





Panipat Institute of Engineering & Technology

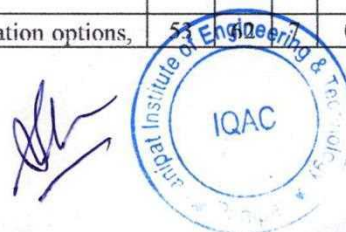
Department of Information Technology

Session 2023-24

Students' Feedback on Academic Performance & Ambience of the institution

- (a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Students' Feedback on Academic Performance and Ambience of the institution					
S. No	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	53	67	2	0
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	48	74	0	0
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	41	80	1	0
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	43	47	2	30
5	Course Outcomes were explained to you in each subject by the teacher?	53	69	0	0
6	Course content is well structured and adequate to achieve expected course outcomes.	52	70	0	0
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	50	72	0	0
8	The textbooks and reference books listed in your syllabus were relevant and useful.	34	88	0	0
9	The library has a substantial collection of high-quality textbooks and reference materials.	43	74	5	0
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	39	83	0	0
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	57	65	0	0
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	44	74	4	0
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	41	55	2	24
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	34	54	4	30
15	Any other comments/suggestions on curriculum: See the student interpretation of student survey results				
16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	46	76	0	0
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	57	65	0	0
18	Adequate amenities are available, including internet facilities, transportation options,	53	67	2	0





	canteens, and a gymnasium.				
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	48	68	2	4
20	Any other comments/suggestions: See the interpretation of student survey results				

(b) Bar chart representation of the students' response to questions in survey

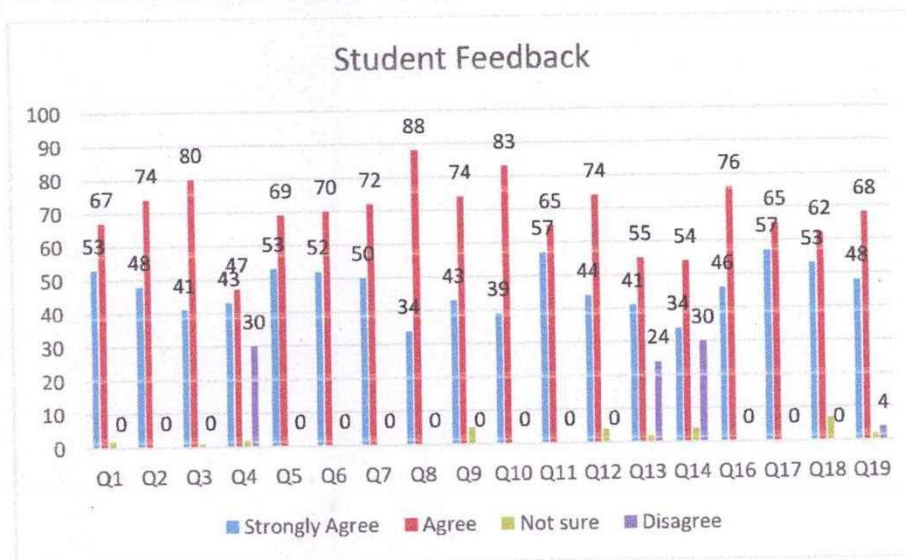


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of the Students Survey Results

Most of Students were generally satisfied with the syllabus quality, finding it balanced between core and applied subjects and aligned with their academic and career goals. Teaching hours were adequate, and course content was well-structured, supported by relevant textbooks and a well-stocked library. Internal evaluations were transparent, and teachers effectively used audio-visual tools. The department successfully enhanced communication, technical, and professional skills, with sufficient infrastructure and amenities available.

22% of students disagreed that the syllabus covers contemporary topics aligned with industry requirements. They felt that while the department's initiatives, such as expert talks, workshops, and industrial visits, were valuable, there was room for improvement in how these activities contribute to their professional development. Additionally, Students believed that the department could improve in assisting them with identifying career opportunities and providing support for competitive examinations.

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Any other suggestion on curriculum: Students suggested incorporating industry-oriented courses, increasing the number of workshops, industrial visits, and organizing career counselling sessions to better support their professional development.





Department of Information Technology

Session 2023-24

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form – II					
Teacher's Feedback on Academic Performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	3	7	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	4	6	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	4	6	0	2
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	5	5	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	4	6	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	3	7	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	1	6	0	3
8	Library has extensive collection of high quality and relevant textbooks and reference materials to meet students overall academic records.	2	8	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	4	6	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	6	4	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	4	3	0	3
12	Any other comments/suggestions: See the interpretation of teacher survey results				





(b) Bar chart representation of the teachers' response to questions in survey

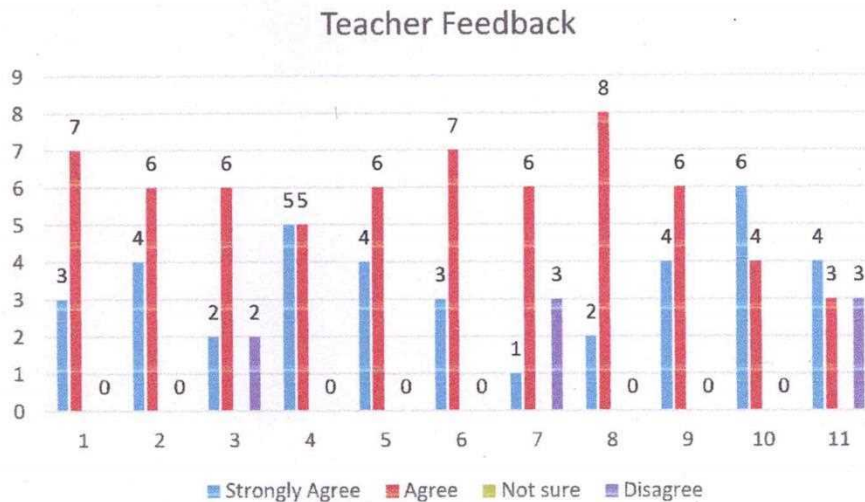


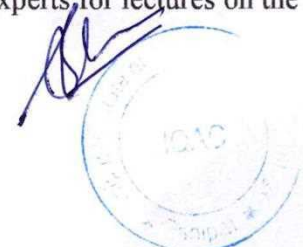
Figure 2. Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Teacher Survey Results

All the teachers agreed that the institution's curriculum is well-balanced, combining core and applied subjects effectively. The syllabus is well-structured, with clear alignment to Course and Program Outcomes (COs and POs). Faculty participation in curriculum development is actively supported, enhancing educational quality. The library's extensive resources aid in student success, while the syllabus promotes essential analytical and problem-solving skills. Additionally, the internal evaluation system ensures fair student assessments.

30% of teachers disagreed that the curriculum was up-to-date and aligned with current industry requirements. They felt that while the recommended texts and reference books listed in the syllabus could be improved, the institution's efforts to invite external experts for workshops, seminars, and lectures were appreciated. These initiatives, though not fully addressing the outdated curriculum and resources, demonstrated a commitment to enhancing the educational experience.

Any other suggestion on curriculum: Teachers suggested offering additional courses, increasing the number of textbooks and reference materials, and inviting external experts for lectures on the latest technologies.





Department of Information Technology

Session 2023-24

Alumni' Feedback on Academic Performance & Ambience

(a) The following table presents the number of alumni' response against each option for every question included in the survey.

Form – III					
Alumni' Feedback on Academic Performance and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	4	8	0	0
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	3	9	0	0
3	Contents of the curriculum have effectively prepared me for pursuing higher education or securing employment.	8	4	0	0
4	The syllabus taught during degree program is relevant and has helped me to fulfill industry requirements.	3	5	0	4
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	4	8	0	0
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	3	9	0	0
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	2	6	0	4
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	2	7	0	3
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	7	5	0	0
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	3	5	0	4
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	2	6	0	4
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by institute, helped you effectively in the industry.	2	10	0	0
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	3	9	0	0
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	8	4	0	0
15	The Institute's alumni web portal and other initiatives of Alumni Connect are commendable.	8	4	0	0
16	Any other comments/suggestions: See the interpretation of alumni survey results				





(b) **Bar chart representation of the alumni' response to questions in survey**

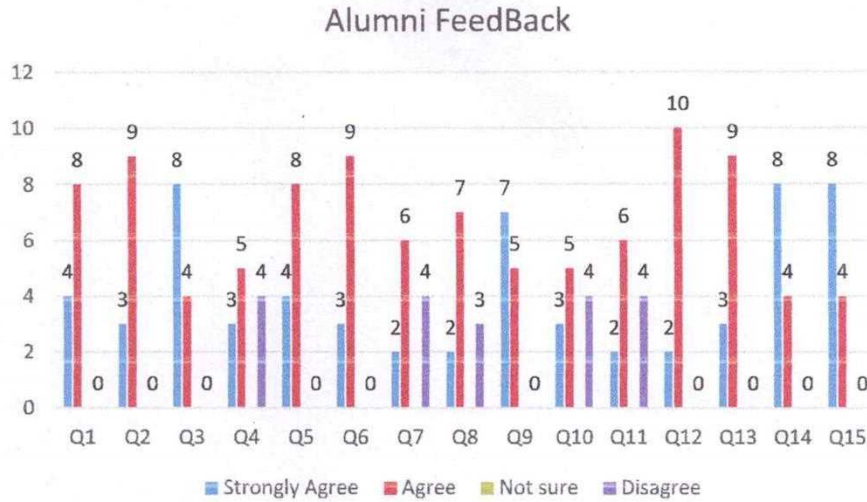


Figure 3. Chart for the alumni' responses (Q1 to Q15 from left to right)

Interpretation of the Alumni Survey Results

All the alumni were satisfied with the curriculum, noting a good balance between core and applied subjects. They found the courses comparable to those studied by peers from other institutions and felt well-prepared for higher education and employment. The electives offered were beneficial for their careers, and institutional initiatives on innovation and entrepreneurship were helpful in their current roles. Alumni appreciated the academic support and campus facilities, including safety measures. They also commended the Institute's alumni web portal and Alumni Connect initiatives.

33% the alumni felt that the syllabus could better align with industry needs and that internships did not fully develop essential professional skills. They also considered the textbooks and departmental initiatives, such as workshops and industrial visits, to be insufficient for their professional growth. Additionally, they believed that support for career opportunities and competitive exams could be improved.

Any other suggestion on curriculum and ambience: Alumni suggested adding more courses, increasing the number of industrial visits, incorporating reference books on the latest technologies, and organizing more expert talks and career counseling sessions.





Department of Information Technology

Session 2023-24

Employer' Feedback on Academic Performance

(a) The following table presents the number of employer responses against each option for every question included in the survey.

Form – IV					
Employer' Feedback on Academic Performance and Ambience of the institution					
S. No.	How satisfied are you with the student's work performance in each of these areas.	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	1	2	0	2
2	Technical knowledge/skill	1	2	0	2
3	Shows initiative and takes responsibility	1	4	0	0
4	Ability to take up extra responsibility and work beyond schedule	1	4	0	0
5	Uphold professional ethics in their current roles	4	1	0	0
6	Collaborative teamwork skills	3	2	0	0
7	Effective leadership/management skills	2	3	0	0
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	3	2	0	0
9	Understand and apply principles, planning, and project management in their work	1	4	0	0
10	The curriculum taught has nurtured creative thinking skills among students.	3	2	0	0
11	The curriculum emphasized fostering problem-solving skills in students.	1	2	0	2
12	The curriculum contents are aligned with current industrial requirements.	1	2	0	2
13	Any other comments/suggestions: See the interpretation of employer survey results				





(b) **Bar chart representation of the employer response to questions in survey**



Figure 4. Chart for the employer' responses (Q1 to Q12 from left to right)

Interpretation of the Employers Survey Results

All the employers were satisfied with graduates' extra responsibility, professional ethics, teamwork, and leadership skills. They appreciated graduates' openness to new ideas and effective application of management principles. Additionally, the curriculum was recognized for fostering creative thinking skills.

Employers expressed concern about graduates' general communication skills and technical knowledge. They noted that the curriculum's emphasis on problem-solving skills and its alignment with current industrial requirements were areas needing improvement.

Any other suggestion on curriculum: Employers suggested adding more industry-oriented content focused on the latest technologies.





Panipat Institute of Engineering & Technology

Department of Information Technology

Session 2023-24

Summary of Stakeholders Feedback on Academic Performance & Ambience

The feedback highlights general satisfaction across students, teachers, alumni, and employers with the institution's curriculum and support systems. Students appreciated the balance between core and applied subjects, effective teaching methods, and supportive resources. Teachers endorsed the well-structured curriculum, clear alignment with educational outcomes, and the active involvement in curriculum development. Alumni valued the curriculum's relevance to their careers, the usefulness of electives, and the support provided by institutional initiatives. Employers praised graduates for their responsibility, professional ethics, teamwork, and leadership, recognizing the curriculum for fostering creative thinking skills.

Despite the positive feedback, following areas of improvements are identified:

- a) Some students, faculty, and employers have noted that the curriculum needs updating to better align with current industry demands and support students' academic goals. They suggested adding courses in the field of data sciences to address these needs.
- b) A significant number of teachers and alumni believe that there has been an improvement in the library's collection of textbooks and reference materials. However, they also emphasized the need to expand the collection with books on the latest technologies.
- c) Additionally, all stakeholders are concerned about students' career-related activities, including their preparation for placement drives and higher education exams.
- d) A significant number of students, teachers, and alumni have also expressed a desire for improvements in the department's initiatives, including expert talks, industrial visits, workshops, and the effectiveness of electives and internships in enhancing professional skills.





Panipat Institute of Engineering & Technology

Department of Management Studies

Feedback Analysis Report on Academic Performance and Ambience Session 2023-24

Reports of the following stakeholders are presented here

Sr. No.	Stakeholder's Name
1	Student
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size

Sr. No.	Stakeholder's Name	Count
1	Students	275
2	Teacher	16
3	Alumni	25
4	Employer	5





Panipat Institute of Engineering & Technology

Department of Management Studies

Session 2023-24

Students' Feedback on Academic Performance and Ambience of the Institution

- (a) The following table presents the number of students' response against each option for every question included in the survey.

Form - I					
Student's Feedback on Curriculum					
S. No.	Core Questions	Strongly agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	220	55		
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	219	56		
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	166	73		36
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	181	45	16	33
5	Course Outcomes were explained to you in each subject by the teacher?	217	58		
6	Course content is well structured and adequate to achieve expected course outcomes.	226	49		
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	225	50		
8	The textbooks and reference books listed in your syllabus were relevant and useful.	223	52		
9	The library has a substantial collection of high-quality textbooks and reference materials.	185	59	9	22
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	240	35		
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	243	32		
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	196	45	2	32
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	172	73	5	25
14	The department actively assists students in identifying career opportunities by organizing career counselling sessions and offering support for competitive examination.	145	88	7	35
15	Any other comments/suggestions on curriculum: See the interpretation of student survey results.				
16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	208	48	14	14





17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	203	31	9	32
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	214	56	1	4
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	213	51	3	8
20	Any other comments/suggestions on ambience: See the interpretation of student survey results.				

(b) Bar chart representation of the students' response to questions in survey

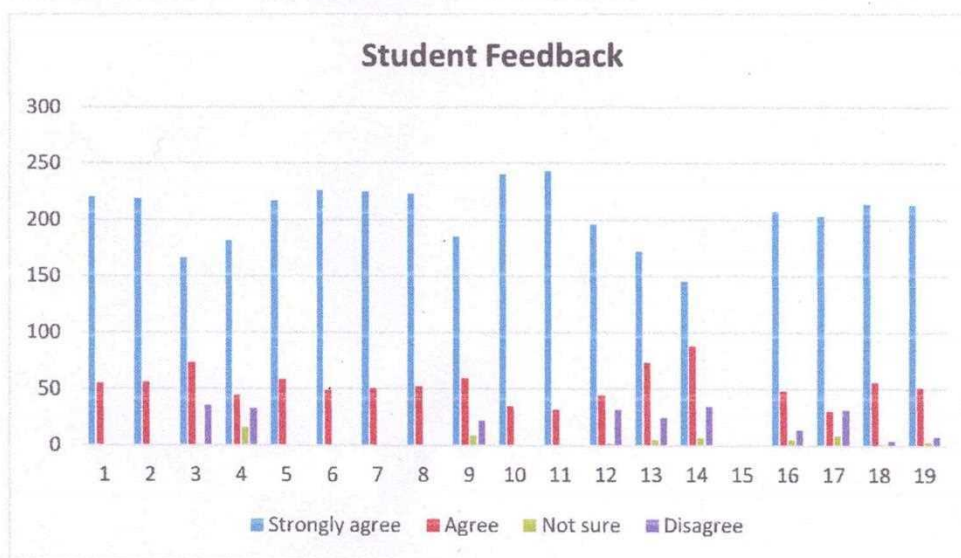


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

Interpretation of the Survey Results

The student feedback is mostly positive, with 100% agreement on the quality of the syllabus, curriculum balance, course outcomes, course content, and teaching hours. Students also unanimously praised the relevance of textbooks, transparency in internal evaluation, and effective use of audio-visual tools in the classroom. Additionally, 98% of students expressed satisfaction with the available amenities, while 96% felt that adequate safety measures were in place. Only minor concerns were noted regarding amenities and safety, with only 1-3% expressing slight concerns.

While most students expressed satisfaction with various aspects of the department, there were a few notable areas of concern. Specifically, 12-13% of students shared that department efforts in improving communication, technical skills, and career support, as well as the adequacy of





infrastructure can be improved. Additionally, 12% felt the syllabus can be updated to be aligned with industry requirements.

Any other suggestion on curriculum: Students also suggested to have additional courses in AI and emerging field. They also suggested to have workshops on Power BI and Tableau. Students also suggested to have career counseling and industrial visits more frequently. They also suggested to increase the frequencies of student engagement activities to enhance team skills, communication skills, initiative taking, industry alignment and entrepreneurship skills.





Department of Management Studies

Session 2023-24

Teachers' Feedback on Curriculum

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form - II					
Teacher's Feedback on Curriculum					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	12	4		
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	13	3		
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	10	3		3
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	10	3		3
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	12	4		
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	10	6		
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	11	5		
8	Library has extensive collection of high-quality and relevant textbooks and reference materials to meet students' overall academic needs.	7	5		4
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	11	5		
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	11	5		
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	9	3		4
12	Any other comments/suggestions: See the interpretation of teacher survey results.				



(b) Bar chart representation of the teachers' response to questions in survey

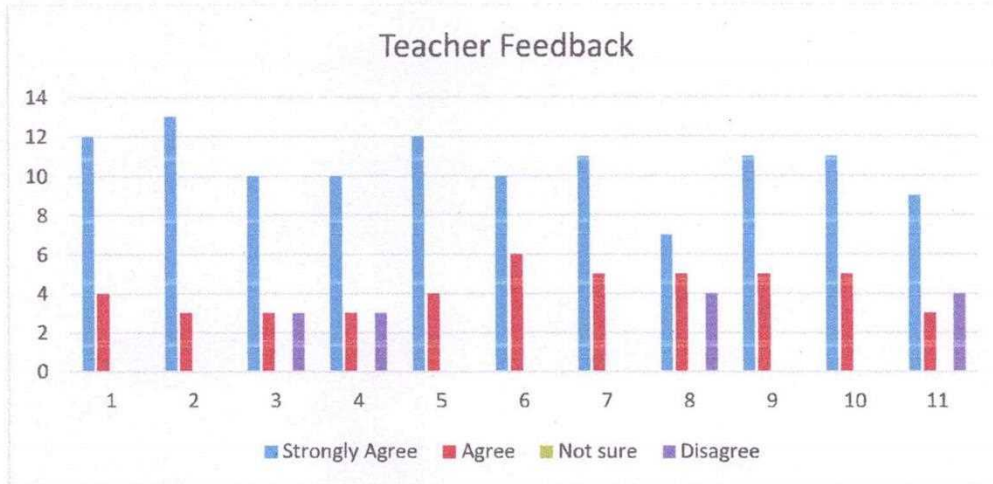
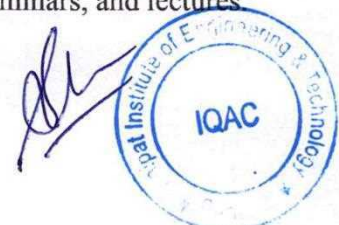


Figure 2. Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Survey Results

The feedback from teachers is mostly positive, with 100% agreement across many aspects. Teachers affirmed that the curriculum offers a good balance between core and applied subjects, the syllabus is well-sequenced with appropriate credit allocation, and course outcomes are clearly defined. They also agreed that the institute effectively facilitates participation in curriculum development and additional courses. The recommended texts and reference books are seen as relevant and useful, and the syllabus is acknowledged for fostering analytical, problem-solving, and design thinking abilities in students. Additionally, the internal examination and evaluation system is viewed as ensuring fair assessment of academic progress.

While most teachers expressed satisfaction with various aspects of the curriculum and resources, there are a few areas of concern. Notably, 19% of teachers shared that the curriculum can be updated and aligned with current industry requirements, and that the syllabus content can be modified to be made sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs). Additionally, 25% felt that the library's collection of textbooks and reference materials can be improved to meet students' academic needs, and that external experts from academia and industry can be invited more frequently for workshops, seminars, and lectures.





Any other suggestion on curriculum: Teacher also suggested to have additional courses in AI and emerging field. Teachers also suggested to increase frequencies of industrial visits. Additionally, teachers recommended to have FDP on skills of 21st century and conducting international conference. They also suggested to increase alumni engagement programs.





Department of Management Studies

Session 2023-24

Alumni' Feedback on Curriculum

(a) The following table presents the number of alumni' response against each option for every question included in the survey.

Form - III					
Alumni' Feedback on Academic Performance & Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	17	8		
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	14	8		3
3	Contents of the curriculum have effectively prepared me for pursuing higher education or securing employment.	13	8		4
4	The syllabus taught during degree program is relevant and has helped me to fulfill industry requirements.	17	4		4
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	21	4		
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	15	7		3
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	14	8		3
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	21	4		
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	14	7		4
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	17	5		3
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	17	4		4
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by institute, helped you effectively in the industry.	15	7		3
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	20	5		
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	19	6		
15	The Institute's alumni web portal and other initiatives of Alumni Connect are commendable.	14	7		4
16	Any other comments/suggestions: See the interpretation of alumni survey results.				





(b) Bar chart representation of the alumni' response to questions in survey

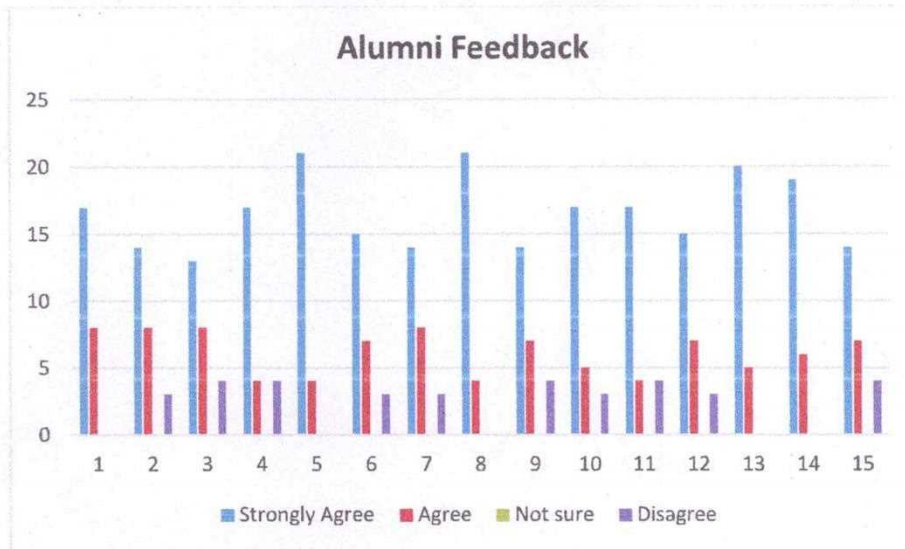


Figure 3. Chart for the alumni' responses (Q1 to Q15 from left to right)

Interpretation of the Survey Results

The feedback from alumni is mostly positive, with 100% agreement on all surveyed aspects. Alumni unanimously appreciated the syllabus for providing a good balance between core and applied subjects, and found the electives offered during the program to be beneficial for their professional careers. They also agreed that the textbooks and reference materials were relevant and useful. Additionally, all alumni expressed satisfaction with the campus facilities, including the canteen, sports, cultural activities, and security measures, indicating a high level of approval for the overall campus environment and resources.

While most alumni provided positive feedback, there are a few notable areas of concern. Specifically, 12% of alumni shared that the courses, curriculum, and professional development initiatives can be updated to be on par with those from other institutes. Additionally, 16% of alumni felt that the curriculum, academic support, and institutional initiatives can be modified to be aligned with industry requirements, higher education preparation, or career readiness.

Any other suggestion on curriculum: Alumni also suggested to have additional courses in AI and emerging field. Alumni also suggested to have career counseling, alumni interactions, and industrial visits more frequently. Alumni also suggested increasing alumni engagement activities.





Department of Management Studies

Session 2023-24

Employer' Feedback on Curriculum

(a) The following table presents the number of employer responses against each option for every question included in the survey.

Form – IV Employer' Feedback on Curriculum					
S. No.	How satisfied are you with the student's work performance in each of these areas:	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	2	3		
2	Technical knowledge/skill	2	2		1
3	Shows initiative and takes responsibility	2	3		
4	Ability to take up extra responsibility and work beyond schedule	3	1		1
5	Uphold professional ethics in their current roles	2	3		
6	Collaborative teamwork skills	2	2		1
7	Effective leadership/management skills	4			1
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	4	1		
9	Understand and apply principles, planning, and project management in their work	4	1		
10	The curriculum taught has nurtured creative thinking skills among students.	4			1
11	The curriculum emphasized fostering problem-solving skills in students.	4	1		
12	The curriculum contents are aligned with current industrial requirements.	4			1
13	Any other comments/suggestions: See the interpretation of employer survey results.				



(b) Bar chart representation of the employer response to questions in survey



Figure 4. Chart for the employer’ responses (Q1 to Q12 from left to right)

Interpretation of the Survey Results

The feedback from employers is overwhelmingly positive, with 100% satisfaction across all evaluated areas. Employers unanimously praised the graduates for their strong general communication skills, initiative, responsibility, and adherence to professional ethics. They also noted that graduates are open-minded, enthusiastic about learning new ideas, and effectively apply management principles and project management in their work. Additionally, employers recognized that the curriculum effectively fostered problem-solving skills in students, indicating high approval of the graduates' preparedness and professional capabilities.

While most employers expressed satisfaction, there are significant concerns regarding the graduates' capabilities. Specifically, 20% of employers stated that graduates' technical knowledge, ability to take on extra responsibilities, collaborative teamwork, leadership skills, and the nurturing of creative thinking through the curriculum can be refined further. Additionally, 20% felt that the curriculum can be modified to be fully aligned with current industrial requirements.

Any other suggestion on curriculum: Employers also suggested to have additional courses in AI and emerging field. They also suggested to have workshops on Power BI and Tableau. They also





suggested to increase the frequencies of student engagement activities to enhance team skills, communication skills, initiative taking, industry alignment and entrepreneurship skills.





Panipat Institute of Engineering & Technology

Department of Management Studies

Session 2023-24

Summary of Stakeholders Feedback on Academic Performance and Ambience

The comprehensive feedback from stakeholders—students, teachers, alumni, and employers were mostly positive. Students, teachers, and alumni consistently praised the quality of the syllabus, curriculum balance, relevant textbooks, and effective use of audio-visual tools. Teachers and alumni also highlighted the well-sequenced syllabus and its contribution to fostering analytical and problem-solving skills. Employers praised graduates for their strong communication skills, initiative, professional ethics, and problem-solving abilities. All stakeholders mostly expressed satisfaction with campus facilities and safety measures.

Despite the positive feedback, following areas of improvements are identified:

- a) Students, teachers, alumni, and employers expressed that the curriculum can be upgraded to better meet academic and career goals and align with current industry requirements. They also suggested adding additional courses in Artificial Intelligence and Agile HR.
- b) Students expressed that departmental efforts could be more effective in improving communication, technical, and professional skills, fostering overall development. Teachers suggested that external experts from academia and industry with relevant expertise be invited more frequently to conduct workshops, seminars, and lectures. Employers stated that the curriculum content could be better aligned with current industrial requirements and emphasized enhancing students' technical skills. They also recommended conducting workshops on topics such as Power BI, Tableau, and Business Analytics.
- c) Students and alumni indicated that the department could increase support in identifying career opportunities by organizing more frequent career counseling sessions and offering additional support for competitive examinations. They also suggested expanding career counseling into areas like entrepreneurship development.





- d) Students and alumni expressed that the department could increase initiatives such as expert talks, workshops, and industrial visits to contribute more effectively to students' professional development. They also requested more frequent industrial visits.
- e) Employers stated that students' technical knowledge, ability to take on extra responsibilities, collaborative teamwork, leadership, and creative thinking skills are satisfactory but can be further improved. Alumni expressed that institutional initiatives on innovation and entrepreneurship could be enhanced to better support students' current roles and responsibilities. They also suggested organizing more engaging events to foster teamwork, communication, initiative-taking, event management, industry alignment, and entrepreneurial skills.
- f) Students expressed that the ambience in the library, classrooms, and laboratories is supportive of learning, and sports and cultural facilities are conducive to their overall development, but these could be further enhanced. They also suggested increased student engagement in games and sports.
- g) Teachers indicated that external experts from academia and industry should be invited more frequently to conduct workshops, seminars, and lectures. Alumni expressed that the Institute's alumni web portal and other initiatives of Alumni Connect could be improved. They also proposed engaging alumni more often with students.
- h) Teachers recommended inviting external experts from academia and industry more frequently to conduct workshops, seminars, and lectures. They also suggested faculty development programs focusing on emerging 21st-century skills and the organization of international conferences.





Panipat Institute of Engineering & Technology

Department of Computer Applications (MCA)

Feedback Analysis Report on Academic Performance and

Ambience

Session 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Students
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	106
2	Teacher	8
3	Alumni	20
4	Employer	5





Panipat Institute of Engineering & Technology

Department of Computer Applications (MCA)

Session 2023-24

Students' Feedback on Academic Performance & Ambience of the institution

- (a) The following table presents the number of students' responses against each option for every question included in the survey.

Form – I					
Students' Feedback on Academic Performance & Ambience of the institution					
S. No	Core Questions	Strongly agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	85	16	2	3
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	49	55	1	1
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	31	70	2	3
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	88	13	2	3
5	Course Outcomes were explained to you in each subject by the teacher?	94	9	1	2
6	Course content is well structured and adequate to achieve expected course outcomes.	101	3	1	1
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	87	15	2	2
8	The textbooks and reference books listed in your syllabus were relevant and useful.	37	65	1	3
9	The library has a substantial collection of high-quality textbooks and reference materials.	49	53	1	3
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	81	23	0	2
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	98	5	1	2
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	67	35	1	3
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	53	29	18	6
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	33	49	5	19
15	Any other comments/suggestions: See the interpretation of student survey results				





Department of Computer Applications (MCA)

Session 2023-24

Alumni' Feedback on Academic Performance & Ambience

(a) The following table presents the number of alumni responses against each option for every question included in the survey.

Form – III					
Alumni' Feedback on Academic Performance & Ambience of the institution					
S. No.	Core Questions	Strongly agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	8	10	1	1
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	15	3	0	2
3	Contents of the curriculum have effectively prepared me for pursuing higher education or securing employment.	16	3	0	1
4	The syllabus taught during the degree program is relevant and has helped me to fulfill industry requirements.	12	7	0	1
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	9	10	1	0
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	13	6	1	0
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	7	11	1	1
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	15	4	0	1
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	9	8	1	2
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	16	2	1	1
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	9	7	2	2
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by the institute, helped you effectively in the industry.	4	14	0	2
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	12	6	1	1
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	8	12	0	0
15	The Institutes alumni web portal and other initiatives of Alumni Connect are commendable.	10	6	1	3
16	Any other comments/suggestions: See the interpretation of alumni survey results				





16	Do you agree that ambience in the library, classrooms and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	91	10	1	4
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	78	21	1	6
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	87	13	2	4
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	49	45	3	9
20	Any other comments/suggestions: See the interpretation of student survey results				

(b) Bar chart representation of the students' response to questions in survey

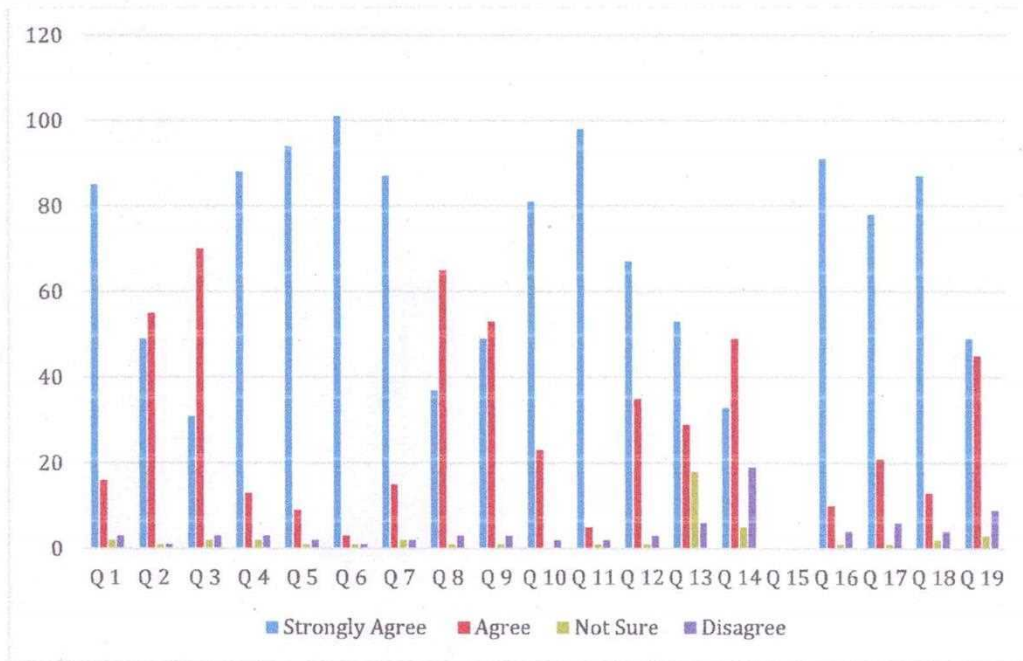


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)





Interpretation of the Students Survey Results

Based to student feedback, 98.1% of students believe that the curriculum offers a good balance between core and applied subjects, the internal evaluation practices are transparent with an efficient grievance redressal system, and the textbooks and reference materials in the library are substantial and of high quality. 97.2% of students affirm that course outcomes were explained by teachers for each subject and that the teachers frequently use audio-visual tools to enhance the teaching-learning process. 96.2% of respondents agree on several points: the syllabus quality is comparable to other universities, sufficient teaching hours were allocated for all subjects, the syllabus covers contemporary topics aligned with industry requirements, and departmental efforts are effective in improving communication, technical, and professional skills and satisfaction with the curriculum's ability to meet academic and career goals. 95.3% of students concur that the course content is well-structured and adequate for achieving expected outcomes. The same percentage agrees that the ambience in library, classrooms, and laboratories is supportive of learning, and that sports and cultural facilities contribute to overall development. 94.3% agree that adequate amenities like internet facilities, transportation, canteens, and gymnasium are available. 93.4% believe that adequate infrastructure and support, including ICT-enabled classrooms and well-equipped laboratories, are available. 88.7% feel that the institution ensures adequate safety measures.

Regarding career development, 22.6% believes that departmental initiatives like expert talks and workshops effective and the same percentage suggest that the department assists in identifying career opportunities, suggesting the areas for potential improvement.

Any other suggestion in curriculum: students suggested to organize alumni talk and career counselling session to aware them for industrial trends.





Department of Computer Applications (MCA)

Session 2023-24

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents the number of teachers' responses against each option for every question included in the survey.

Form - II Teacher's Feedback on Curriculum					
S. No.	Core Questions	Strongly agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	7	1	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	4	4	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	2	4	0	2
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs) .	5	3	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	2	6	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	3	4	0	1
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	5	3	0	0
8	Library has an extensive collection of high quality and relevant textbooks and reference material to meet students' overall academic needs.	6	2	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	3	5	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	4	4	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	5	1	0	2
12	Any other comments/suggestions: See the interpretation of teacher survey results				





(b) Bar chart representation of the teachers' response to questions in survey.

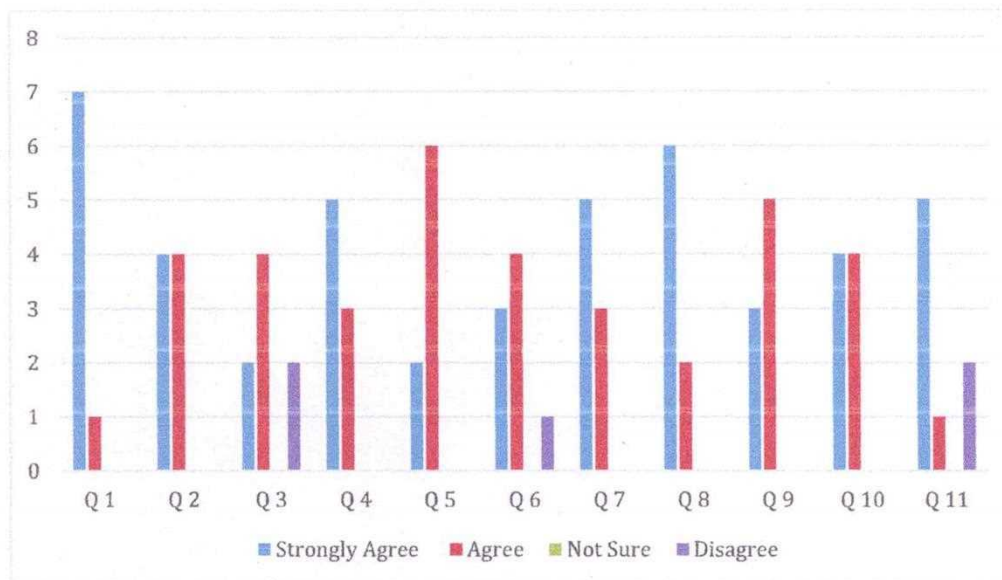


Figure 2. Chart for the Teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Teacher Survey Results

Based on the feedback from teachers, here's an interpretation of the results:

100% of teachers concur on several key points: the curriculum offers a good balance between core and applied subjects, the syllabus contents are well-sequenced with appropriate credit allocation, the syllabus content is sufficient to achieve stated Course Outcomes and Program Outcomes, the institute facilitates teachers' participation in curriculum development, the recommended texts and reference books are pertinent and useful, the library has an extensive collection of quality resources, the syllabus aids in cultivating analytical and problem-solving skills, and the internal examination system ensures fair assessment. 87.5% of teachers agree that the course outcomes are clearly defined and the process for achieving program outcomes is relevant to the courses being taught.

25% of teachers believe that the curriculum is needed to up-to-date and aligned with current industry requirements. The same percentage suggest to improvement in the area which involve external experts from academia and industry are frequently invited to conduct workshops, seminars, and lectures.

Any other suggestion in curriculum: teachers mentioned in any other suggestions to organize expert lectures and career counselling sessions to students for student's overall development.





(b) Bar chart representation of the alumni' response to questions in survey

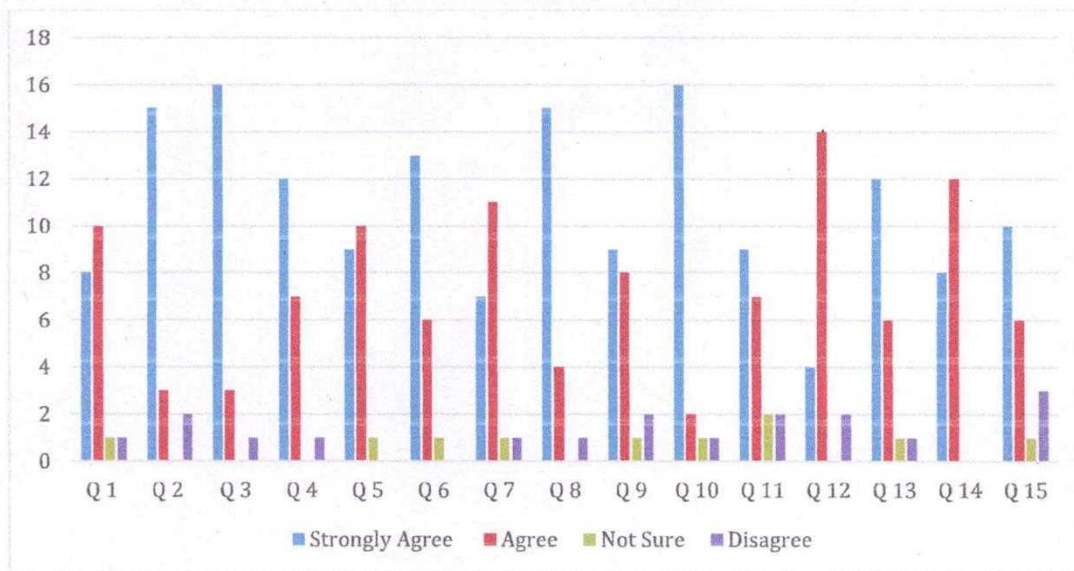
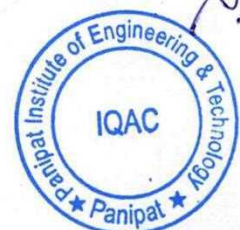


Figure 3. Chart for the Alumni' responses (Q1 to Q15 from left to right)

Interpretation of the Alumni Survey Results

Based on the feedback from alumni, here's an interpretation of the results:

95% of alumni affirm that the syllabus and its implementation helped them achieve desired graduate outcomes and syllabus taught during the degree program is relevant and has helped me to fulfil industry requirements. The same percentage agrees that the electives offered throughout the program have been beneficial to their professional careers. 90% of alumni concur on several points: the syllabus taught during their degree program provides a good balance between core and applied subjects, the courses studied are comparable with those of workplace colleagues from other institutions, the curriculum has effectively prepared them for higher education or employment, the textbooks and reference materials listed in the syllabus are relevant and useful, and the department's initiatives (such as expert talks, workshops, and industrial visits) effectively contributed to their professional development. Similarly, same proportion of alumni also agree that internships and projects have enabled them to develop essential professional skills, and that the academic support and facilities provided by the institute have been helpful in their industry roles. 85% of alumni believe that institutional initiatives on innovation and entrepreneurship have been helpful for their current roles and responsibilities. The same percentage agrees that the canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory. The same





percentage finds the security, CCTV, fire extinguishers, first aid, and medical facilities in the institute campus find satisfactory.

However, 20% of alumni that the department actively assisted them in identifying career opportunities through career counselling sessions and support for competitive examinations and the Institute's alumni web portal and other Alumni Connect initiatives are need to improve.

Any other suggestion in curriculum: Additional suggestions included requests for more alumni talks and career counselling sessions for potential improvement of students.





Department of Computer Applications (MCA)

Session 2023-24

Employer' Feedback on Academic Performance

(a) The following table presents the number of employer responses against each option for every question included in the survey.

Form - IV Employer' Feedback on Academic Performance					
S. No.	How satisfied are you with the student's work performance in each of these areas:	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	4	1	0	0
2	Technical knowledge/skill	1	2	0	2
3	Shows initiative and takes responsibility	2	3	0	0
4	Ability to take up extra responsibility and work beyond schedule	3	2	0	0
5	Uphold professional ethics in their current roles	1	4	0	0
6	Collaborative teamwork skills	2	3	0	0
7	Effective leadership/management skills	1	4	0	0
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	3	1	0	1
9	Understand and apply principles, planning, and project management in their work	4	1	0	0
10	The curriculum taught has nurtured creative thinking skills among students.	2	3	0	0
11	The curriculum emphasized fostering problem-solving skills in students.	3	2	0	0
12	The curriculum contents are aligned with current industrial requirements.	3	1	0	1
13	Any other comments/suggestions: See the interpretation of employer survey results				





(b) Bar chart representation of the employer response to questions in survey

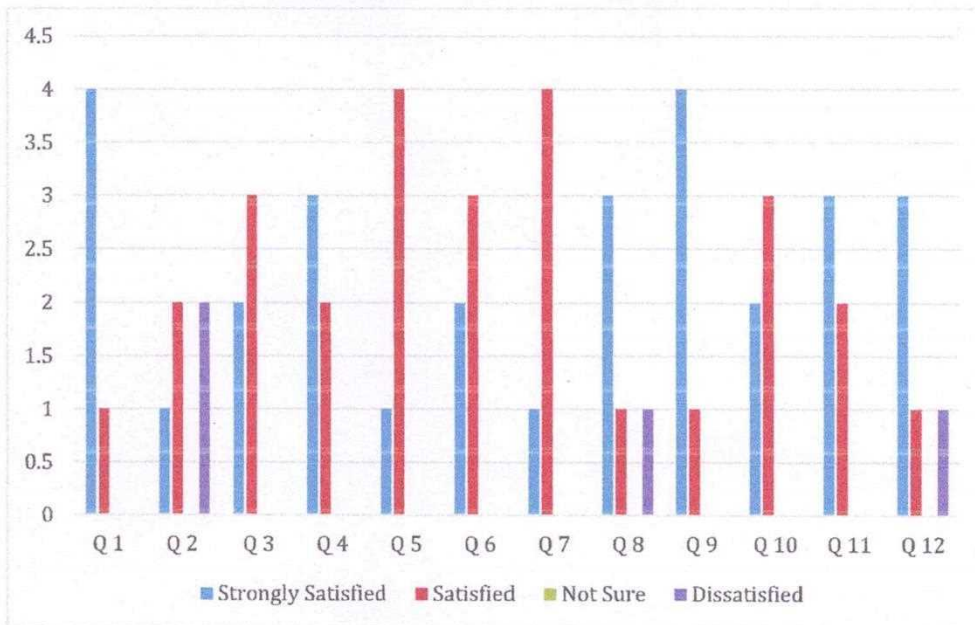


Figure 4. Chart for the Employers' responses (Q1 to Q12) from left to right)

Interpretation of the Employers Survey Results

Based on the feedback from employers, here's an interpretation of the results:

100% of employers express satisfaction with several key aspects of their employees' performance. These include general communication skills, initiative and responsibility-taking, ability to take up extra responsibilities and work beyond schedule, upholding professional ethics, collaborative teamwork skills, effective leadership/management skills, understanding and applying management principles, and the curriculum's nurturing of creative thinking skills. Same percentage of employers also agree that the curriculum emphasized fostering problem-solving skills in students.

20% of employers suggested the improvement in open-mindedness and enthusiasm about adopting new ideas and learning innovative techniques and same percentage believes that the curriculum contents are aligned with current industrial requirements are needed to improve.

However, 40% of employers express suggested technical knowledge and skills, indicating a potential area for improvement in the curriculum or training programs.

Any other suggestions in curriculum: Additional suggestions included requests for additional classes for student's skillset's including communication and technical.





Panipat Institute of Engineering & Technology

Department of Computer Applications (MCA)

Session 2023-2024

Summary of Stakeholders Feedback on Academic Performance & Ambience

The feedback from students, teachers, alumni, and employers indicates a high level of satisfaction with the curriculum and overall educational experience. Stakeholders agree that the curriculum offers a good balance between core and applied subjects, with well-structured content that covers contemporary topics aligned with industry requirements. The syllabus is considered comparable to other universities and effective in achieving desired course and program outcomes. Teachers and students appreciate the transparency of internal evaluation practices and the fair assessment system. The institution provides adequate infrastructure, including ICT-enabled classrooms, well-equipped laboratories, and library resources with high-quality textbooks and reference materials. Students and alumni find the learning environment supportive, with amenities like internet facilities, transportation, and recreational facilities contributing to overall development. The curriculum is praised for cultivating analytical, problem-solving, and professional skills. Teachers feel involved in curriculum development, while alumni report that the program effectively prepared them for higher education or employment. Employers' express satisfaction with their employees' performance in various areas, including communication skills, initiative, teamwork, leadership, and professional ethics. The institution's efforts in organizing expert talks, workshops, industrial visits, internships, and projects are recognized as beneficial for students' professional development. Safety measures and campus facilities are generally found satisfactory by stakeholders. Overall, the feedback suggests that the educational program is successful in meeting academic and career goals of students and preparing them for the professional world.

Despite the positive feedback from students, teachers, alumni, and employers, several suggestions have been made to enhance students' academic and professional development.

1. Students and teachers indicated that the current curriculum needs to be updated to meet academic and career goals. Students and teachers suggested offering additional courses in data analysis and machine learning to meet academic and career goals.





2. Students, teachers, and employers expressed that the department's initiatives, such as expert talks, workshops, and industrial visits should be improved to effectively contribute to the professional development of students. Students, teachers, and employers suggested arranging industrial visits each semester, expert lectures on skill showcasing, confidence building, success essentials, lateral thinking, and professional networking.
3. Students and teachers indicated that the department should organize career counseling sessions and offer support for competitive examinations to actively assist students in identifying career opportunities. Students and teachers suggested conducting regular career counseling sessions covering industry trends, placement preparation, and technological challenges.
4. Students, teachers, and alumni indicated that departmental efforts should be enhanced in improving communication, technical and professional skills fostering overall development of the student. Students, teachers, and alumni suggested organizing, conducting workshops on full-stack development, arranging expert lectures on UI/UX design, and fostering industry collaborations.
5. Students and alumni expressed that the Institutes alumni web portal and other initiatives of Alumni Connect should be improved. Students and alumni suggested organizing periodic alumni talks to strengthen connections and provide insights from experienced professionals.
6. Students and employers have shown improvement in nurturing both creative thinking and problem-solving skills among students. This enhancement extends to general communication abilities and technical knowledge. Students and employers suggest offering additional classes to enhance communication, technical, and life skills development.





Panipat Institute of Engineering & Technology
Department of Mechanical Engineering
Feedback Analysis Report on Academic Performance and Ambience
Session 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Students
2	Teacher
3	Alumni
4	Employers

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	37
2	Teachers	13
3	Alumni	16
4	Employers	05





Panipat Institute of Engineering & Technology

Department of Mechanical Engineering

Session 2023-2024

Students' Feedback on Academic Performance & Ambience of the institution

- (a) The following table presents number of student response against each option for every question included in the survey.

Form – I					
Students' Feedback on Academic Performance & Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	15	16	2	5
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	17	19	1	2
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	12	17	0	8
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	10	18	2	7
5	Course Outcomes were explained to you in each subject by the teacher?	21	13	0	3
6	Course content is well structured and adequate to achieve expected course outcomes.	30	4	0	3
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	29	5	0	3
8	The textbooks and reference books listed in your syllabus were relevant and useful.	24	10	0	3
9	The library has a substantial collection of high-quality textbooks and reference materials.	21	12	2	2
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	28	05	3	1
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	27	7	0	3
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the students.	14	15	1	7
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	10	19	0	8
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examinations.	19	14	0	4
15	Any other suggestions: See the interpretation of student survey results				
16	Do you agree that ambience in the library, classrooms, and laboratories are supportive of learning and sports and cultural facilities are conducive to your overall development?	26	8	0	3
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	23	10	2	2
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	25	9	0	3





19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	14	22	0	1
20	Any other comments/suggestions on ambience: See the interpretation of student survey results				





(b) Bar chart representation of the students' response to questions in survey

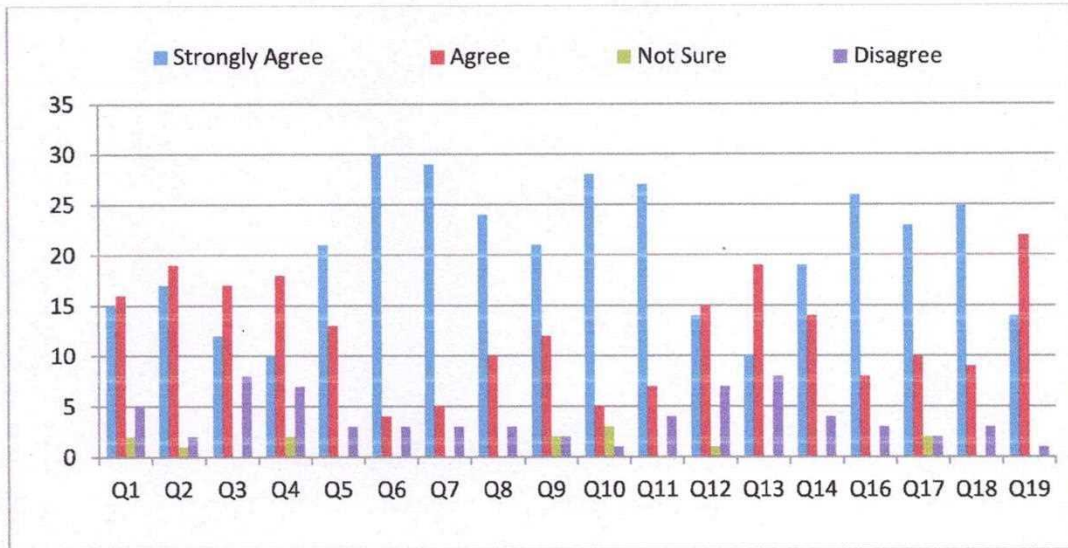


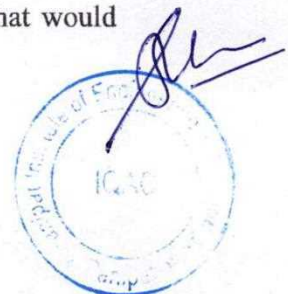
Figure 1. Chart for the students' responses.

Interpretation of the Students' Survey Results

Feedback received from students indicated that 89.2 % were satisfied with the quality of the syllabus taught, explanation of each subject and allocated teaching hours. 91.2 % of the students were also satisfied with transparency of internal evaluation practice, high-quality of library textbooks and teaching pedagogy. Furthermore, 90.5 % of the students agreed with the study materials provided, cultural activities and infrastructure support. 90.5 % of the students were found satisfactory regarding the departmental efforts regarding industrial visits, guest lectures, counseling sessions and preparation for competitive examinations. 94.5 % raised thumps up for medical, canteen, transportation, gymnasium and security facilities.

On the other hand, 20.3 % students were dissatisfied with the content available in syllabus and curriculum's ability to meet academic and career goals. 19 % students expressed dissatisfaction with the department's efforts to improve communication and professional skills. 21.6% of the students showed concern about guest talks and industrial visits pertaining to trending technologies.

Any other suggestion on curriculum: Additionally, students requested for industry relevant courses and topics apart from syllabus. They also wished for activities and classes that would help them to enhance their professional and communication skills.





Department of Mechanical Engineering

Session 2023-2024

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents number of teacher's response against each option for every question included in the survey.

Form – II					
Teacher's Feedback on Academic Performance & Ambience					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	7	6	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	8	5	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	7	2	0	3
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	8	4	0	1
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	7	5	0	1
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	9	4	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	7	5	0	1
8	Library has extensive collection of high-quality and relevant reference materials to meet students overall academic needs.	8	4	0	1
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	4	7	0	2
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	9	4	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	7	3	0	3
12	Any other comments/suggestions: See the interpretation of teacher survey results				





(b) Bar chart representation of the teachers' response to questions in survey

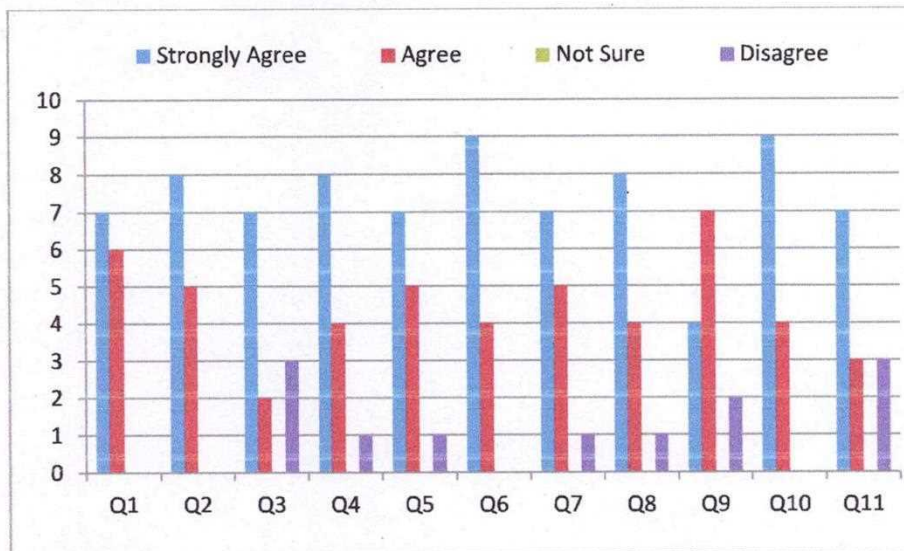


Figure 2. Chart for the teachers' responses

Interpretation of the Teachers' Survey Results

Feedback was gathered from faculty members on various aspects of the institute. 100% faculty praised the curriculum in comparison to other institutes and expressed satisfaction with the syllabus. 92.3 % of the faculty was pleased with the high-quality collection of books in the library. All faculty members were satisfied with internal evaluation and examination system, also 84.6% of them raised thumbs up for syllabus regarding cultivation of analytical, problem-solving and design thinking abilities in students.

However, 23% faculty was not satisfied with the alignment of curriculum with current industry needs and expressed concerns about the expert lectures and industry visits.

Any other suggestion on curriculum: In addition, faculty also focused to start add-on courses on emerging technologies like trending design software and suggested for the updating of the labs with new experimental set ups. Faculty urged for the conduction of faculty development program.





Department of Mechanical Engineering

Session 2023-2024

Alumni' Feedback on Academic Performance & Ambience

(a) The following table presents number of alumni's response against each option for every question included in the survey.

Form –III					
Alumni' Feedback on Curriculum and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	8	6	0	2
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	10	4	0	2
3	Contents of the curriculum have effectively prepared me for pursuing higher education or securing employment.	7	9	0	0
4	The syllabus taught during degree program is relevant and has helped me to fulfill industry requirements.	8	4	0	4
5	The electives offered throughout the program in various semesters have been beneficial to my professional career.	10	6	0	0
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	9	7	0	0
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	8	8	0	0
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	7	8	1	0
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	7	9	0	0
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	4	8	0	4
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	5	11	0	0
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by institute, helped you effectively in the industry.	6	9	0	1
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	8	8	0	0
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	7	9	0	0
15	The Institute's alumni web portal and other initiatives of Alumni Connect are commendable.	4	8	0	4
16	Any other comments/suggestions: See the interpretation of alumni survey results				





(b) Bar chart representation of the alumni' response to questions in survey

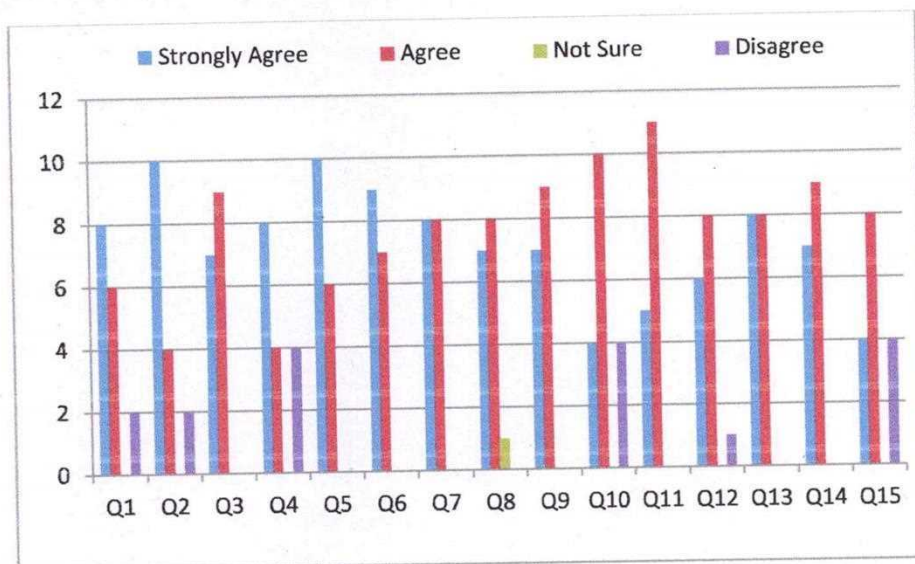


Figure 3. Chart for the alumni' responses.

Interpretation of the Alumni' Survey Results

Based on the feedback received, 87.5 % of the alumni expressed satisfaction with the syllabus, courses and curriculum offered by the institutes. 100% of alumni showed no concerns about the electives offered, the textbooks and reference materials, internships and projects and institutional initiatives. 97.9 % of the alumni were satisfied with amenities like ICT tools, CCTV, canteen, hostel facilities, medical and security facilities.

However, 25% of alumni expressed concerns about the syllabus meeting industry requirements and the same percentage were unsatisfied with expert talks and industrial visits. 25 % of the alumni raised concern about the alumni connect.

Any other suggestion on curriculum: Apart from these feedbacks, alumni suggested for the conduction of more lectures on new technologies and industry relevant topics. Moreover, they advised conduction of activities to enhance the technological skills of the students and induction of trending equipment in the department.





Department of Mechanical Engineering

Session 2023-2024

Employers' Feedback on Academic Performance & Ambience

The following table presents the number of employers' response against each option for every question included in the survey.

Form –IV					
Employer' Feedback on Academic Performance & Ambience					
S. No.	How satisfied are you with the student's work performance in each of the areas:	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	1	3	0	1
2	Technical knowledge/skill	2	3	0	0
3	Shows initiative and takes responsibility	2	3	0	0
4	Ability to take up extra responsibility and work beyond schedule	2	3	0	0
5	Uphold professional ethics in their current roles	2	3	0	0
6	Collaborative teamwork skills	2	3	0	0
7	Effective leadership/management skills	2	3	0	0
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	2	3	0	0
9	Understand and apply principles, planning, and project management in their work	2	3	0	0
10	The curriculum taught has nurtured creative thinking skills among students.	2	3	0	0
11	The curriculum emphasized fostering problem-solving skills in students.	2	3	0	0
12	The curriculum contents are aligned with current industrial requirements.	2	2	0	1
13	Any other comments/suggestions: See the interpretation of employer survey results				





b) Bar chart representation of the employer response to questions in survey

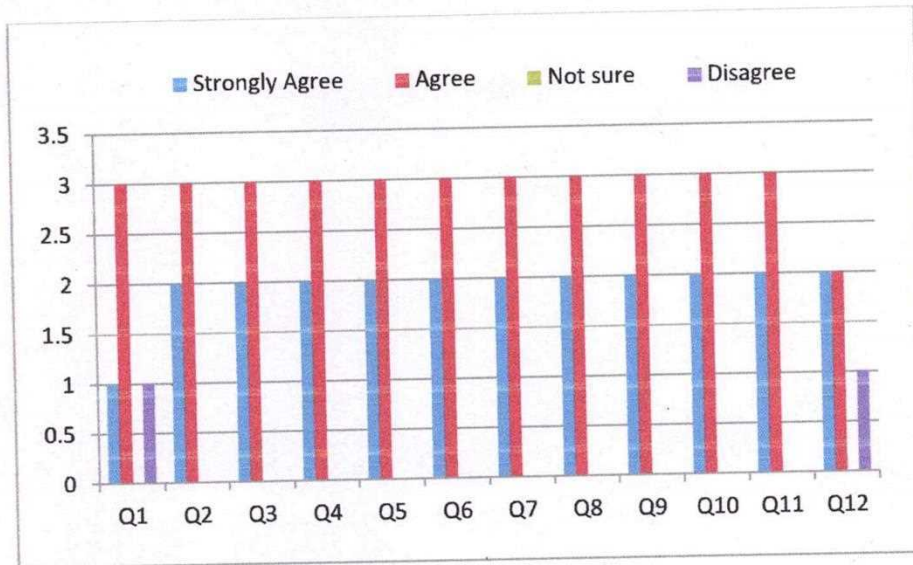


Figure 4. Chart for the employer' responses.

Interpretation of the Employers Survey Results

100% of employers expressed complete satisfaction with the student's technical knowledge, initiative and responsibility capability, professional ethics, teamwork skill, management skill, and understanding of management principles. 100% of the employers were satisfied with the student's creative thinking and problem-solving skills.

However, 20% of the employers were dissatisfied with the student's communication skills and the alignment of the curriculum with current industrial needs.

Any other suggestion on curriculum: Furthermore, they suggested that the department should offer courses on relevant emerging technologies and conduct classes on communication skills to improve the overall personality development of the students.





Panipat Institute of Engineering & Technology

Department of Mechanical Engineering

Session 2023-2024

Summary of Stakeholders' Feedback on Academic Performance & Ambience

Upon reviewing the detailed responses from students, faculty, alumni and employers, it was perceived that the stakeholders are appreciably satisfied with the curriculum comparison with other institutes and balance of core and applied subjects. Feedback from students, faculty and alumni was found positive regarding the curriculum's quality, its adequacy in covering COs and POs, and allocation of adequate teaching hours (credits) for all subjects. All stakeholders showed no concerns about the electives offered, the textbooks and reference materials, internships and projects and institutional initiatives regarding these aspects. They also praised the academic support and facilities including classrooms, ICT tools, laboratories, and library. Employers were satisfied with the professional qualities such as teamwork, leadership, adoption for new ideas and techniques, working beyond schedule and ethics of the students.

1. However, as per all stakeholders expressed incompetency in curriculum regarding the current industry requirements and in helping the students to meet their career and academic roles. To resolve this issue, they suggested value added courses on design software to meet the industry's requirement.
2. Students and alumni gave suggestions to conduct lectures on advanced topics beyond the syllabus.
3. Students, faculty and alumni raised concern about the department's initiatives on expert talks, skilling program, and industrial visits. They requested to conduct more skilling programs and expert talks on trending technology by industrialist. Alumni gave suggestions regarding the organization of alumni connect activities.
4. Faculty suggested faculty development program pertaining to current industrial needs.
5. Faculty and alumni suggested for exposure of students on trending apparatuses and equipment in the lab.
6. Employer and students proposed the conduct of classes for improving student's communication and professional skills.





Panipat Institute of Engineering & Technology

Department of Pharmacy

Feedback Analysis Report on Academic Performance and Ambience

Year 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher

Feedback Sample Size for Session 2023-24

Sr. No.	Stakeholder's Name	Count
1	Students	210
2	Teacher	20





Panipat Institute of Engineering & Technology

Department of Pharmacy

Session 2023-24

Students' Feedback on Academic Performance and ambience of the institution

- (a) The following table presents the number of students' response against each option for every question included in the survey.

Form – I					
Students' Feedback on Curriculum and Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	160	38	5	7
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	172	28	5	5
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	139	23	8	40
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	150	50	2	8
5	Course Outcomes were explained to you in each subject by the teacher?	187	13	6	4
6	Course content is well structured and adequate to achieve expected course outcomes.	178	22	5	5
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	181	19	3	7
8	The textbooks and reference books listed in your syllabus were relevant and useful.	189	11	4	6
9	The library has a substantial collection of high-quality textbooks and reference materials.	180	10	11	9
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	187	12	5	6
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	176	26	5	3
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student.	179	16	5	10
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	173	5	7	25
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	169	11	2	28
15	Any other comments/suggestions on curriculum: See the interpretation of student survey results				
16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your overall development.	179	25	4	2
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	180	24	3	3
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	183	22	2	3
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	198	7	0	5





20 Any other comments/suggestions on ambience: See the interpretation of student survey results

(b) Bar chart representation of the students' response to questions in survey

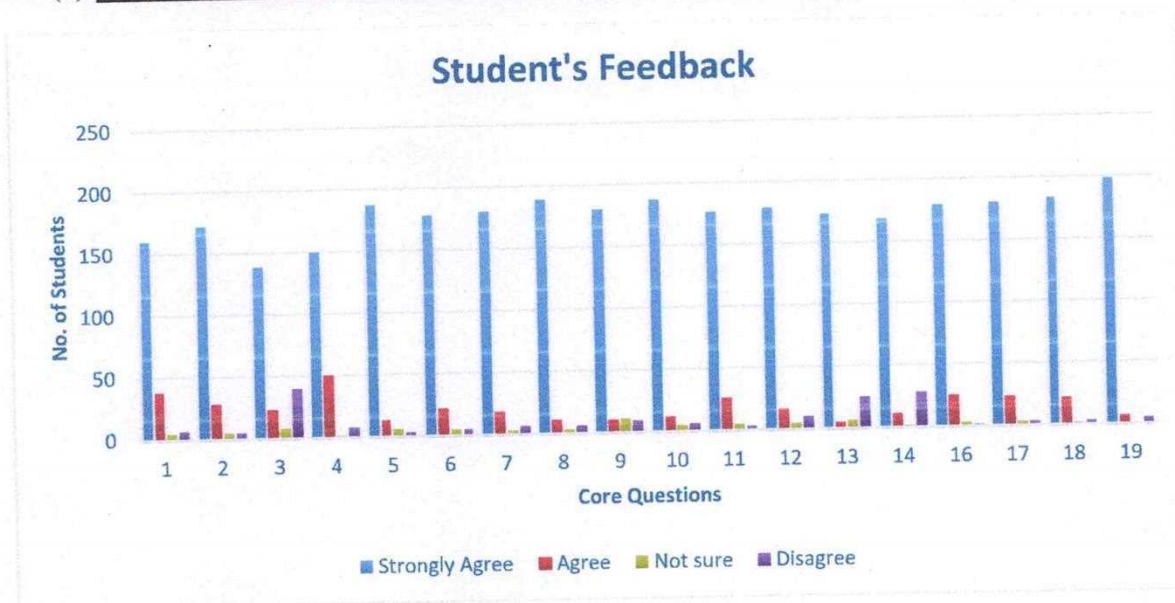


Figure 1. Chart for the students' responses (Q1 to Q19 from left to right)

INTERPRETATION

About 96% of students agree that teachers are utilizing audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process. 95% of the students appreciate that the timetable provided to them covers enough teaching hours for robust understanding of every topic and teachers have also explained the Course Outcomes in each subject thoroughly. They also appreciate that their curriculum that offers a good balance between core and applied subjects. They also accept that the reference books and textbooks given in their course are appropriate and informative. 94% of the students believe that quality of the syllabus taught to you is comparable to that of other universities. They also appreciate the internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines. 93% students believe that that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the students.





97% of the students appreciate that a healthy learning takes place in the institute which provide a supportive environment in the library, classrooms, and laboratories. They also appreciate the sports and cultural facilities of the institute that plays a beneficial role in their overall development.

As per feedback data received by the students, more than 97% students appreciated institute's safety measures, including security personnel, CCTV surveillance, and fire extinguishers. They also ensured that institute provide supportive and adequate infrastructure with ICT-enabled teaching tools, internet facilities, transportation, well-equipped laboratories, hostels, auditorium, and a comprehensive library.

Students suggested that the department needs to put more efforts in improving technical, analytical, and practical skills that are aligned with industrial requirements. 12% students suggested that department needs to propose Expert talk, seminars, and industrial visits more oftenly for professional development of the students. About 13% of the students proposed to conduct career counselling session to enhance their technical exposure and knowledge.

Any other suggestions on curriculum: Students suggested to plan more expert lectures or talks, career counselling sessions and industrial visits for them so that it can benefit them in future growth.





Department of Pharmacy

Session 2023-24

Teachers' Feedback on Academic Performance and Ambience

(a) The following table presents the number of teachers' response against each option for every question included in the survey.

Form - II					
Teacher's Feedback on Curriculum					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	16	4	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	18	2	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	12	6	0	2
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	18	2	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	17	2	0	1
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	14	6	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	14	6	0	0
8.	Library has extensive collection of high quality and relevant textbooks and reference materials to meet students' overall academic needs.	10	10	0	0
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	12	8	0	0
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	14	5	0	1
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	10	7	0	3
12	Any other comments/suggestions: See the interpretation of teacher survey results.				





(b) Bar chart representation of the teachers' response to questions in survey

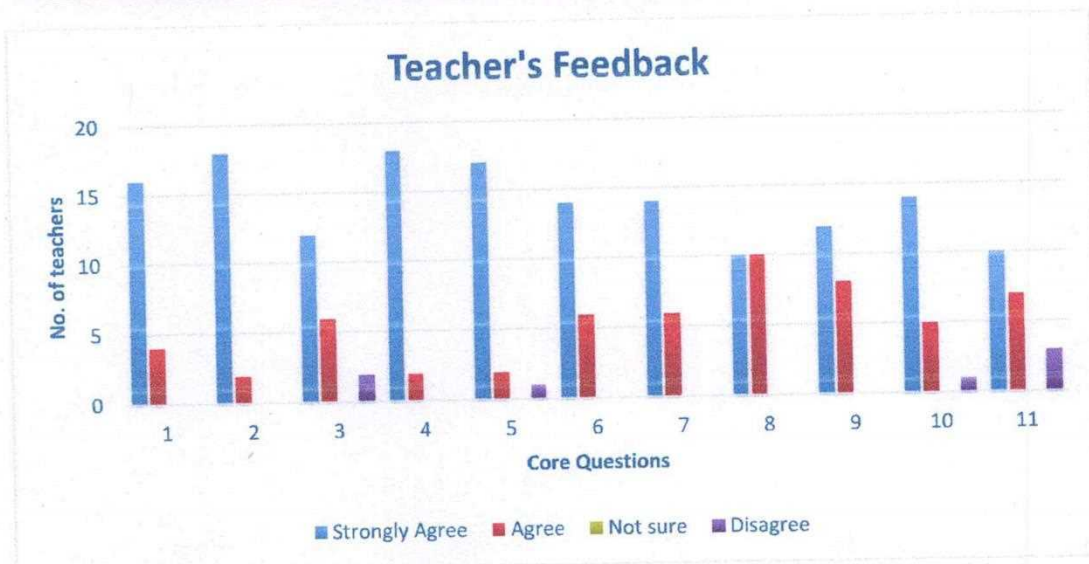


Figure 2. Chart for the teachers' responses (Q1 to Q10 from left to right)

100% of Teachers agreed that there is a decent mix between core and applied areas in the curriculum where various parts of the syllabus have been organized objectively, and the number of credits allocated to each subject is appropriate. About 100% teachers believe that the university curriculum and syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs). They also believe that the course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught. They also believe that recommended texts and reference books listed in the syllabus are pertinent and useful and Library has extensive collection of high quality and relevant textbooks and reference materials to meet students' overall academic needs. 100% teachers agree that the syllabus helps students in cultivating analytical, problem-solving and design thinking abilities. 95% Teachers appreciated that the internal examination and evaluation system ensures fair assessment of students' academic progress and also put their agreement on the institute supporting them to participate in the development of new courses.





15% Teachers believe that External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures. 10% Teachers disagree on the fact that curriculum is up-to-date and aligned with current industry requirements. That's why on recommendation of teachers an additional course must be included for the students.

Any other suggestions on curriculum: Teachers have suggested for Industrial visits and career counselling sessions for the students to let them explore the future opportunities, technicalities, and domains that may help them in building their career. Teachers have also suggested to include an additional course for the students.





Panipat Institute of Engineering & Technology

Department of Pharmacy

Session 2023-24

Summary of Stakeholders Feedback on Academic Performance & Ambience

Feedback of both the stakeholders strongly appreciates the academic performance and ambience of the institute for overall development of students. All the contents of the syllabus are arranged in an understandable manner, and the number of credits assigned to each subject is suitable.

Students agree that the timetable provided to them covers enough teaching hours for robust understanding of every topic and teachers have also explained the Course Outcomes in each subject thoroughly. They also appreciate that their curriculum that offers a good balance between core and applied subjects and syllabus taught to them is comparable to that of other universities. Students believe that a healthy learning takes place in a supportive environment in the library, classrooms, and laboratories and the sports and cultural facilities of the institute plays a beneficial role in their overall development. They are also satisfied with internal evaluation practices that are transparent, and the grievance redressal system for internal assessment and timelines.

Students agreed that the teachers are utilizing audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process. They appreciated institute's safety measures, including security personnel, CCTV surveillance, and fire extinguishers. Furthermore, they ensured that institute provide supportive and adequate infrastructure with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library. Students are satisfied with the learning in such an efficient environment and decent infrastructure of the institute where all the amenities, resources, teaching tools, Library, laboratories, etc. are provided in best conditions.

Teachers also agreed that there is a decent mix between core and applied areas in the curriculum where various parts of the syllabus have been organized objectively, and the number of credits allocated to each subject is appropriate. They put their agreement on the institute supporting them to participate in the development of new courses and university curriculum and syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).





Both teachers and students believe that recommended texts and reference books listed in the syllabus are pertinent, informative and useful.

Stakeholders believe that despite of many positive aspects there is a requirement of more growth and development in few areas as:

1. The department needs to assist students actively in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination. As per students' and teachers' suggestion a counselling session must be organized for students to enhance their knowledge and Both competitive approach.
2. Department's initiatives, such as expert talks, workshops, and industrial visits, which effectively contribute to the professional development of students must be organized more oftenly. Teachers and students also have suggested for industrial visits to have better experiential learning.
3. External experts from academia and industry who bring relevant expertise must be frequently invited to conduct workshops, seminars, and lectures. On the basis of teachers' and students' feedback various seminars or symposium should be organised in which experts from industry should be invited for expert lectures to provide thorough knowledge of the field's various disciplines.
4. As per the suggestions the curriculum must be up-to-date and aligned with current industry requirements. Moreover, teachers suggested that an additional course needs to be added to acquire additional skills and qualifications that are relevant to Research/Review article Writing.





Panipat Institute of Engineering & Technology

Department of Textile Engineering

Feedback Analysis Report on Academic Performance and Ambience

Session 2023-24

Reports of the following stakeholders are presented here.

Sr. No.	Stakeholder's Name
1	Student
2	Teacher
3	Alumni
4	Employer

Feedback Sample Size for Session 2022-23

Sr. No.	Stakeholder Name	Count
1	Students	30
2	Teachers	4
3	Alumni	16
4	Employers	5





Panipat Institute of Engineering & Technology

Department of Textile Engineering

Session 2023-24

Students' Feedback on Academic Performance & Ambience of the institution

- (a) The following table presents the number of students' responses against each option for every question included in the survey.

Form – I					
Students' Feedback on Academic Performance & Ambience of the Institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the quality of the syllabus taught to you is comparable to that of other universities?	16	12	2	0
2	Do you agree that the curriculum offers a good balance between core and applied subjects?	20	9	0	1
3	Are you satisfied with the current curriculum's ability to meet your academic and career goals?	10	12	2	6
4	The syllabus covers topics that are contemporary and aligned with industry requirements.	14	14	1	1
5	Course Outcomes were explained to you in each subject by the teacher?	18	12	0	0
6	Course content is well structured and adequate to achieve expected course outcomes.	14	15	1	0
7	Do you agree that sufficient teaching hours (credits) were allocated in your timetable for all subjects?	20	10	0	0
8	The textbooks and reference books listed in your syllabus were relevant and useful.	14	16	0	0
9	The library has a substantial collection of high-quality textbooks and reference materials.	11	12	0	7
10	The internal evaluation practices are transparent, and the grievance redressal system for internal assessment is efficient and adheres to set timelines.	17	13	2	0
11	The teacher frequently utilizes audio-visual tools in the classroom to enhance and enrich the effectiveness of the teaching-learning process.	20	4	0	6
12	Do you agree that departmental efforts are effective in improving communication, technical and professional skills fostering overall development of the student?	18	12	0	0
13	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contribute to the professional development of students.	6	14	2	8
14	The department actively assists students in identifying career opportunities by organizing career counseling sessions and offering support for competitive examination.	12	18	0	0
15	Any other comments/suggestions on curriculum: See the interpretation of student survey results				
16	Do you agree that ambience in the library, classrooms, and laboratories is supportive of learning and sports and cultural facilities are conducive to your	13	17	0	0





	overall development?				
17	Adequate infrastructure and support are available, including classrooms equipped with ICT-enabled teaching tools, well-equipped laboratories, hostels, auditorium, and a comprehensive library.	22	8	0	0
18	Adequate amenities are available, including internet facilities, transportation options, canteens, and a gymnasium.	20	10	0	0
19	The institution ensures adequate safety measures, including security personnel, CCTV surveillance, and fire extinguishers, among other precautions.	24	6	0	0
20	Any other comments/suggestions on ambience: See the interpretation of student survey results				

(b) Bar chart representation of the students' response to questions in survey

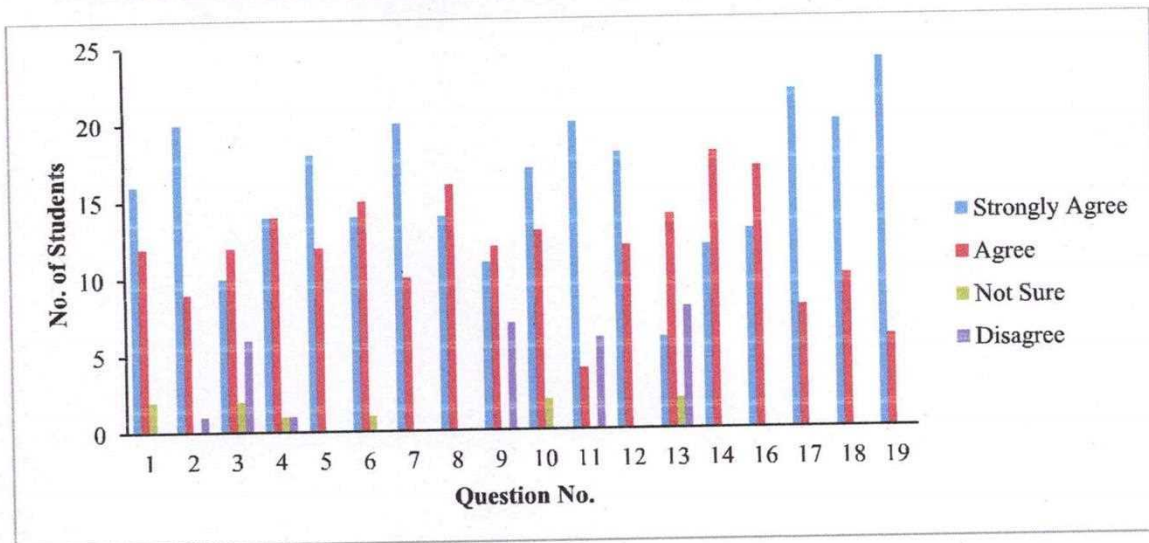


Figure 1: Chart of student's responses (Q1 to 19 from left to right)

Interpretation of the Students Survey Results

Feedback on the curriculum shows that 93.3% of students believe the syllabus quality is on par with other universities, and 96.7% feel the curriculum strikes a good balance between core and applied subjects. Additionally, 89% of students are pleased with the amount of teaching hours allocated to each subject, which enhances their learning experience. Moreover, 93.3% of students find that the syllabus covers contemporary topics relevant to industry needs, and 96.7% consider the course content to be well-structured. All students are satisfied with the teaching hours provided and find the internal evaluation practices to be transparent.





All students are fully satisfied with the departmental initiatives for their overall development and the career guidance provided. Additionally, 89.2% of students find the textbooks and reference materials listed in the syllabus to be relevant and useful. The environment in the library, classrooms, and laboratories is regarded as supportive by 100% of students, who also agree that the infrastructure and amenities are adequate.

However, 20% of students believe that the curriculum could better align with their academic and career goals. Additionally, 26.7% of students feel that there should be more expert talks, workshops, and industrial visits. Regarding resources, 23.3% of students suggest that the collection of high-quality textbooks and reference materials should be expanded. Furthermore, 20% of students recommend increasing the use of audio-visual tools in the classroom to enhance learning effectiveness.

Any other suggestions on curriculum: Students have also suggested organizing industrial visits to blanket manufacturing, embroidery, and nonwoven industries. Additionally, they recommended offering courses that include knowledge of the research process and hosting expert talks on textile composites.





Department of Textile Engineering

Session 2023-24

Teachers' Feedback on Academic Performance & Ambience

(a) The following table presents the number of teachers' responses against each option for every question included in the survey.

Form - II Teacher's Feedback on Curriculum					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	Do you agree that the curriculum offers a good balance between core and applied subjects?	2	2	0	0
2	The syllabus contents are well-sequenced, and the allocation of credits to each course is appropriate.	2	2	0	0
3	Do you agree that the curriculum is up-to-date and aligned with current industry requirements?	2	2	0	0
4	The syllabus content is sufficient to achieve the stated Course Outcomes (COs) and Program Outcomes (POs).	3	1	0	0
5	The institute facilitates teachers' participation in university curriculum development and additional courses.	1	3	0	0
6	The course outcomes are clearly defined, and the process for achieving program outcomes is relevant to the course(s) being taught.	4	0	0	0
7	The recommended texts and reference books listed in the syllabus are pertinent and useful.	4	0	0	0
8	Library has an extensive collection of high-quality and relevant textbooks and reference materials to meet students' overall academic needs.	2	1	0	1
9	The syllabus aids students in cultivating analytical, problem-solving and design thinking abilities.	1	2	0	1
10	The internal examination and evaluation system ensures fair assessment of students' academic progress.	2	2	0	0
11	External experts from academia and industry who bring relevant expertise are frequently invited to conduct workshops, seminars, and lectures.	2	2	0	0
12	Any other comments/suggestions: See the interpretation of teacher survey results				





(a) Bar chart representation of the teachers' response to questions in survey

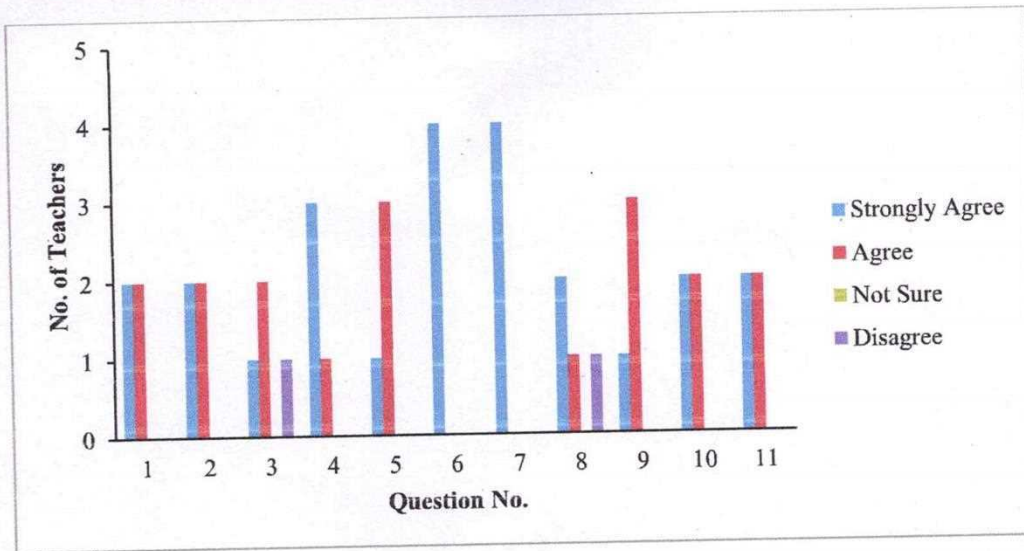


Figure 2: Chart for the teachers' responses (Q1 to Q11 from left to right)

Interpretation of the Teacher Survey Results

The feedback on the curriculum shows that 100% of members believe the current curriculum is up-to date, provides a balanced mix of core and applied subjects, is well-sequenced, and has appropriate credit allocation for each course. Additionally, teachers agree that the institute supports their involvement in university curriculum development. Teachers members also commend the fair assessment of students through internal examinations and evaluations.

Regarding resources, 100% of teachers found the textbooks and reference materials listed in the syllabus to be relevant and useful. However, 25% of teachers indicated a need to expand the collection of high-quality textbooks and reference materials in the library. Additionally, 25% of teachers believe that the syllabus should be modified to better support students in developing analytical, problem-solving, and design thinking skills. Organizing an addition course on research methodology in this regard is also suggested.

While teachers' members are generally satisfied with the visits from industry and academic experts for workshops, seminars, and lectures.

Any other suggestions on curriculum: They also suggested expert talks specifically on seamless garment manufacturing.





Department of Textile Engineering

Session 2023-24

Alumni' Feedback on Academic Performance & Ambience

(a) The following table presents the number of alumni responses against each option for every question included in the survey.

Form - III					
Alumni' Feedback on Academic Performance & Ambience of the institution					
S. No.	Core Questions	Strongly Agree	Agree	Not sure	Disagree
1	The syllabus taught to you during your degree program provides a good balance between core and applied subjects.	12	4	0	0
2	Courses studied by you are comparable with what your workplace colleagues studied in other institutes/universities?	13	3	0	0
3	Contents of the curriculum have effectively prepared me for pursuing higher education or securing employment.	10	5	0	1
4	The syllabus taught during the degree program is relevant and has helped me to fulfill industry requirements.	9	3	0	4
5	The electives offered throughout the program in various semesters have been beneficial to your professional career.	5	11	0	0
6	The curriculum and its implementation have helped me to attain the desired graduate attributes.	8	7	0	1
7	Internships and projects have enabled me to develop professional skills essential for professional growth and career readiness.	9	6	0	0
8	The textbooks and reference materials listed in the syllabus are relevant and useful.	10	6	0	0
9	Institutional initiatives on innovation and entrepreneurship have been helpful for your current roles and responsibilities.	8	8	0	0
10	The department's initiatives, such as expert talks, workshops, and industrial visits, effectively contributed to my professional development.	4	9	0	3
11	The department actively assisted me to identify available career opportunities by organizing career counseling sessions and offering support for competitive examinations.	10	6	0	0
12	The academic support and facilities (classrooms, ICT tools, laboratories, and library) provided to you by the institute, helped you effectively in the industry.	9	4	0	3
13	The canteen, sports, cultural, and other recreational facilities in the institute campus were satisfactory.	5	11	0	0
14	The security, CCTV, fire extinguishers, first aid, and medical facilities available in the institute campus were satisfactory.	12	4	0	0
15	The Institute's alumni web portal and other initiatives of Alumni Connect are commendable.	9	7	0	0
16	Any other comments/suggestions: See the interpretation of alumni survey results				





(b) **Bar chart representation of the alumni' response to questions in survey**

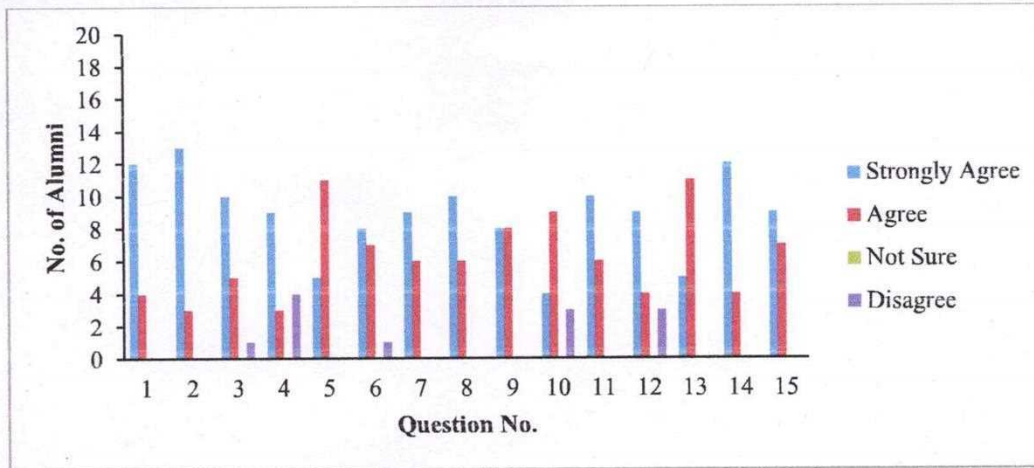


Figure 3: Chart for the alumni' responses (Q1 to Q15 from left to right)

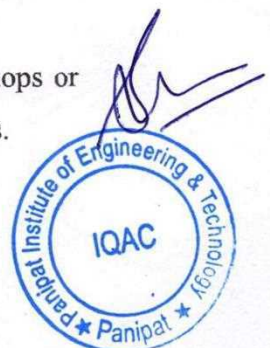
Interpretation of the Alumni Survey Results

Analysis of alumni feedback reveals a high level of satisfaction with both academic performance and the overall environment of the institute. All alumni agreed that the curriculum provides a good balance of core and applied subjects, comparable to curricula at other universities attended by their colleagues. Additionally, 93.7% of alumni feel that the curriculum effectively prepared them for both higher education and employment. Every alumnus expressed satisfaction with the elective subjects offered throughout the program. Furthermore, 93.7% of alumni agreed that the syllabus and its implementation contributed to achieving the desired graduate outcomes, and that internships and projects significantly helped them develop professional skills.

All alumni expressed satisfaction with the textbooks and reference materials listed in the syllabus, as well as with recreational facilities, including the canteen, sports, and cultural amenities. They also agreed that security measures, such as CCTV, fire extinguishers, first aid, and medical facilities, are adequate. Additionally, the institute's alumni web portal and other Alumni Connect initiatives received full commendation from all alumni.

However, 25% of alumni have disagreed on the relevance of the syllabus in meeting industrial and higher education requirements. Additionally, 18.7% of alumni believe that academic support and facilities such as classrooms, ICT tools, laboratories, and the library as well as departmental initiatives like expert talks, workshops, and industrial visits aimed at student professional development, could be enhanced.

Any other suggestions on curriculum: Some of the alumni suggested conducting workshops or expert lectures on textile composites and industrial visit to nonwoven unit textile industries.





Department of Textile Engineering

Session 2023-24

Employer' Feedback on Curriculum

(a) The following table presents the number of employer responses against each option for every question included in the survey.

Form – IV					
Employer' Feedback on Curriculum					
S. No.	How satisfied are you with the student's work performance in each of these areas:	Very Satisfied	Satisfied	Not sure	Dissatisfied
1	General communication skills	3	2	0	0
2	Technical knowledge/skill	2	3	0	0
3	Shows initiative and takes responsibility	2	3	0	0
4	Ability to take up extra responsibility and work beyond schedule	1	4	0	0
5	Uphold professional ethics in their current roles	5	0	0	0
6	Collaborative teamwork skills	3	2	0	0
7	Effective leadership/management skills	2	3	0	0
8	Open-minded and enthusiastic about adopting new ideas and learning innovative techniques	1	4	0	0
9	Understand and apply principles, planning, and project management in their work	3	1	0	1
10	The curriculum taught has nurtured creative thinking skills among students.	2	2	0	1
11	The curriculum emphasized fostering problem-solving skills in students.	3	1	0	1
12	The curriculum contents are aligned with current industrial requirements.	2	3	0	0
13	Any other comments/suggestions: See the interpretation of employer survey results				





(b) Bar chart representation of the employer response to questions in survey

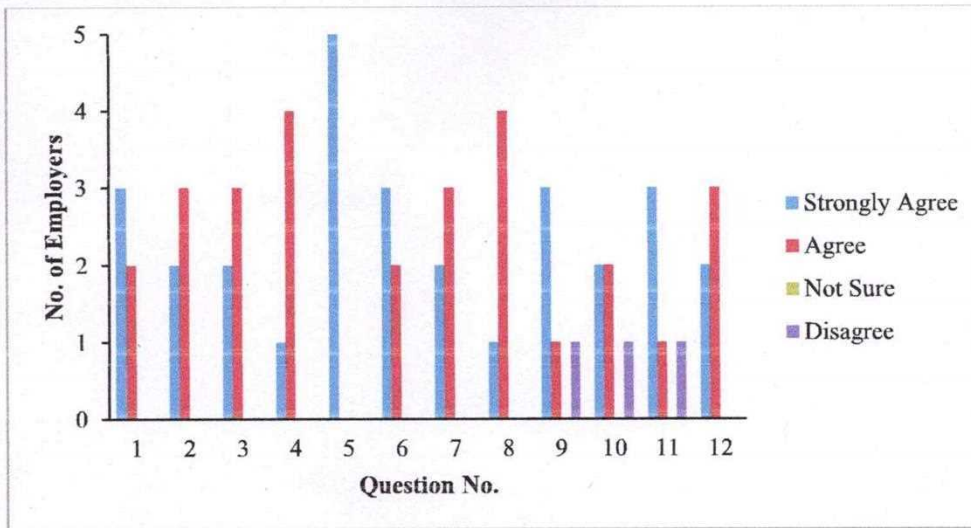


Figure 4: Chart for the employer' responses (Q1 to Q12 from left to right)

Interpretation of the Employers Survey Results

The analysis of employer feedback indicates a high level of satisfaction with students' work performance in several areas, though there are some opportunities for improvement. All employers are pleased with students' general communication skills, technical knowledge, ability to take on extra responsibilities, and willingness to work beyond scheduled hours. Employers also agree that students exhibit strong professional ethics, teamwork, and leadership qualities. Additionally, 100% of employers find students to be open-minded and enthusiastic about embracing new ideas and learning innovative techniques.

However, 20% of employers feel that students could improve in creative thinking and problem-solving skills, and there is room for further development in planning and project management.

Any other suggestions on curriculum: Additionally, employers suggest offering courses focused on innovation and research to address these areas.





Panipat Institute of Engineering & Technology

Department of Textile Engineering

Session 2023-2024

Summary of Stakeholders Feedback on Academic Performance & Ambience

The extensive feedback from students, teachers, alumni, and employers indicates a high level of satisfaction with academic performance and the overall environment, though there are some general recommendations for improving the current curriculum. Stakeholders appreciate the quality of the syllabus, the well-balanced mix of core and applied subjects, the well-structured course content, and the alignment with industry needs. The textbooks and reference materials included in the syllabus are considered relevant and beneficial by students, teachers, and alumni. Moreover, the internal evaluation and grievance redressal systems for assessments are seen as effective by both students and teachers. The recreational facilities, security, medical services, and other amenities on campus are well-regarded by students and alumni. Initiatives related to career counseling, innovation, entrepreneurship, and the development of communication, technical, and professional skills have received positive feedback from students and alumni. Employers are satisfied with the students' general communication and technical skills, as well as their ability to take on extra responsibilities, work beyond regular hours, uphold professional ethics, and collaborate effectively.

Despite the positive feedback, following areas of improvements are identified:

- a) Teachers, alumni, and employers expressed that the curriculum can be upgraded to better meet academic and career goals and align with current industry requirements. However, teachers, alumni and employers suggested organization of add-on courses related to research process to enhance the problem solving and design thinking skills of the students.
- b) Students and teachers suggested that the collection of high-quality and relevant textbooks and reference materials in the library could be enhanced. Purchase of high-quality textbooks and reference material is also recommended by students and faculties.
- c) Students and alumni expressed that the infrastructure and support, including classrooms equipped with ICT-enabled teaching tools, could be further enhanced. They suggested upgrading the infrastructure by installing new interactive panels in classrooms.





- d) Students and alumni have observed the importance of focusing on professional development activities and suggested to organise industrial visits to nonwoven, blanket manufacturing and embroidery units of the textile industries.
- e) Students, alumni and employers expressed that departmental efforts could be more effective in improving technical, and professional skills, fostering overall development. Students, alumni and employers suggested that the department should organize regular workshops or expert talks on textile composite and seamless garment manufacturing.

