Department of Computer Science

Feedback Analysis for Academic Year 2025-2026

Structured feedback for curriculum and its transactions is regularly obtained from stakeholders like 1) Students, 2) Teachers, 3) Employers, 4) Alumni, 5) Academic Peers etc., and feedback processes of the institution.

1. Introduction

Feedback is a crucial component in evaluating whether the strategies adopted are effectively leading toward the intended outcomes. It serves as a guiding mechanism in assessing the relevance and effectiveness of implementation processes. In the context of curriculum design, development, and periodic revision, feedback becomes indispensable in ensuring that the educational objectives are aligned with current academic and industry expectations. Incorporating stakeholder perspectives reflects the core principle of outcome-based education, where the expectations and needs of learners and other contributors are given due importance.

CHRIST (Deemed to be University) follows a comprehensive feedback system that gathers inputs from a wide range of stakeholders, including students, alumni, employers, industry professionals, academic experts, and parents. This multi-dimensional approach ensures that diverse viewpoints are considered. The process goes beyond simple data collection and emphasizes systematic analysis to identify gaps, evaluate the effectiveness of existing practices, and explore opportunities for enhancement. It also helps in recognizing the need for introducing new courses or modifying existing ones to stay relevant.

Based on this analysis, appropriate strategies and action plans are formulated to address the identified areas of improvement. These measures are implemented in subsequent academic cycles to ensure continuous enhancement of the curriculum. Such an ongoing and structured effort reflects the CHRIST (Deemed to be University) commitment to maintaining academic excellence and preparing students to meet the challenges of a dynamic and competitive environment.

Feedback process details are given in the following table:

Data Collection	Feedback form for students Feedback form for faculty Feedback form for alumni Feedback form for parents Feedback form for industry experts
Analysis	Feedback analysis of student feedback on curriculum Feedback analysis of faculty feedback on curriculum Feedback analysis of alumni feedback on curriculum Feedback analysis of parent feedback on curriculum Feedback analysis of industry expert feedback on curriculum
Decision	Action taken

2. Structured Feedback System

As part of its continuous quality enhancement practices, the University's Internal Quality Assurance Cell (IQAC) administers a well-defined feedback mechanism that captures inputs from multiple stakeholders. The feedback is systematically collected from key groups, namely:

1. Students
2. Faculty
3. Parents
4. Alumni
5. Industry Experts

2.1 Feedback Form for students

All feedback forms are structured using a 5-point rating scale, where 5 represents the highest level of satisfaction and 1 the lowest. The student feedback questionnaire is designed to assess how effectively the curriculum aligns with outcome-based education principles, fosters a research-oriented mindset, and encourages curiosity and lifelong learning among students. These insights support the institution in progressing toward its mission and vision. The detailed student questionnaire is presented in table 1.

Does the content of the curriculum satisfy the stated objectives and learning outcomes?
Does the curriculum incorporate advanced topics and recent developments in the field?
Does the curriculum contribute to enhancing your knowledge and skills in the relevant domain?
Does the curriculum enable students to apply theoretical knowledge to real-life situations?
Does the curriculum promote self-learning and a research-oriented attitude among students?
Is the curriculum effective in fostering critical and analytical thinking skills?
Are the prescribed textbooks and reference materials appropriate and relevant to the curriculum content?
Does the curriculum provide orientation and preparedness for higher education?
Does the curriculum meet your overall academic and professional expectations?
Is employability given due consideration in the design and development of the curriculum?
Would you like to suggest any additional courses, topics, or emerging technologies that should be included in the curriculum?

Table 1: Questionnaire to Students on Curriculum

Fig. 1: Student Feedback Analysis

The overall distribution presented in figure 1, suggests that students have a positive perception of the curriculum, and it largely meets their academic and professional expectations. Hence, there are no major concerns identified, and the curriculum is functioning effectively in achieving its intended learning outcomes.

2.2 Feedback Form for Faculty

Teachers form a vital component in the success of any higher education institution and their feedback plays a significant role in evaluating the effectiveness of the curriculum. Their inputs help in understanding whether the curriculum ensures a strong foundation in the fundamental concepts of the respective programs. The questionnaire also examines whether the curriculum enables students to apply their knowledge to solve complex problems and whether it is regularly updated to support higher studies and research. The detailed faculty questionnaire is presented in the table 2 below.

How well does the curriculum meet the current and emerging needs of the industry, research, and society?
Are the Program Outcomes (POs) and Course Outcomes (COs) clearly defined and consistent?
Does the syllabus satisfy the stated objectives and learning outcomes?
Are learning outcomes regularly measured, and improvements implemented accordingly?
Does the curriculum effectively develop critical thinking, analytical abilities, and problem-solving skills among students?
Does the curriculum provide flexibility for elective courses or interdisciplinary learning?
Does the curriculum allow for continuous assessment of student performance?
Are modern teaching tools, digital resources, and laboratory practices effectively incorporated?
Are rubrics, grading criteria, and evaluation methods transparent and consistent?
Are industry experts, seminars, workshops, and value-added programs included in the teaching-learning process?
Does the curriculum promote research aptitude, innovation, and lifelong learning?
Are internships, industry projects, and practical exposure emphasized in the program?
Do you recommend offering any courses as separate practical courses? If yes, please mention the courses.
Indicate your level of satisfaction with the current evaluation pattern for the courses you taught.
Give your suggestions for strengthening the curriculum of the courses handled by you in the recent academic year, with specific recommendations for adding, replacing, or revising course topics and number of hours required.
Would you like to suggest any additional courses, topics, or emerging technologies that should be included in the curriculum?

Table 2: Questionnaire to Faculty on Curriculum

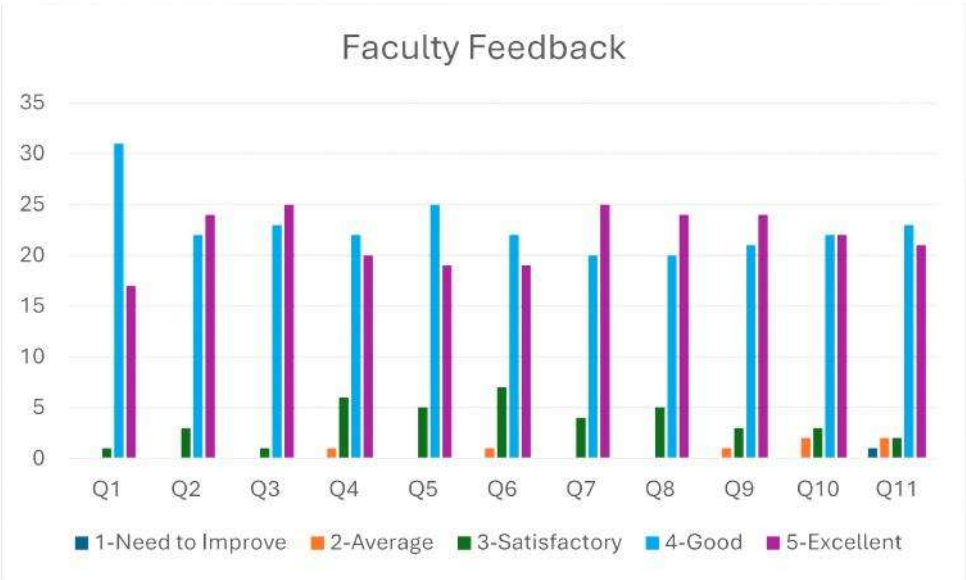

Fig.2: Faculty Feedback Analysis

The pattern in figure 2 reflects that faculty members view the curriculum favourably and consider it effective in delivering the intended outcomes. Overall, the feedback does not indicate any major issues, suggesting that the curriculum is well-designed and meets academic expectations.

2.3 Feedback Form for Alumni

Alumni feedback plays an important role in assessing the relevance and effectiveness of the curriculum in real-world contexts. Their inputs help in understanding whether the knowledge and skills acquired during the program are useful in their professional careers. The questionnaire also examines whether the curriculum has equipped them with employability skills, adaptability, and a foundation for lifelong learning, thereby reflecting the long-term impact of the program. The detailed alumni questionnaire is presented in the table 3 below.

Does the curriculum facilitate the development of student skills in alignment with current industry requirements?
Does the curriculum meet the expectations of the industry?
Is the curriculum periodically updated to incorporate advanced topics and align with current academic and industry trends?
Does the curriculum adequately address and integrate the objectives of the programme
How do you assess the relevance and appropriateness of the electives offered within the curriculum
How effectively is employability factored into the curriculum design and development framework?
Would you like to suggest any additional courses, topics, or emerging technologies that should be included in the curriculum?

Table 3: Questionnaire to Alumni on Curriculum

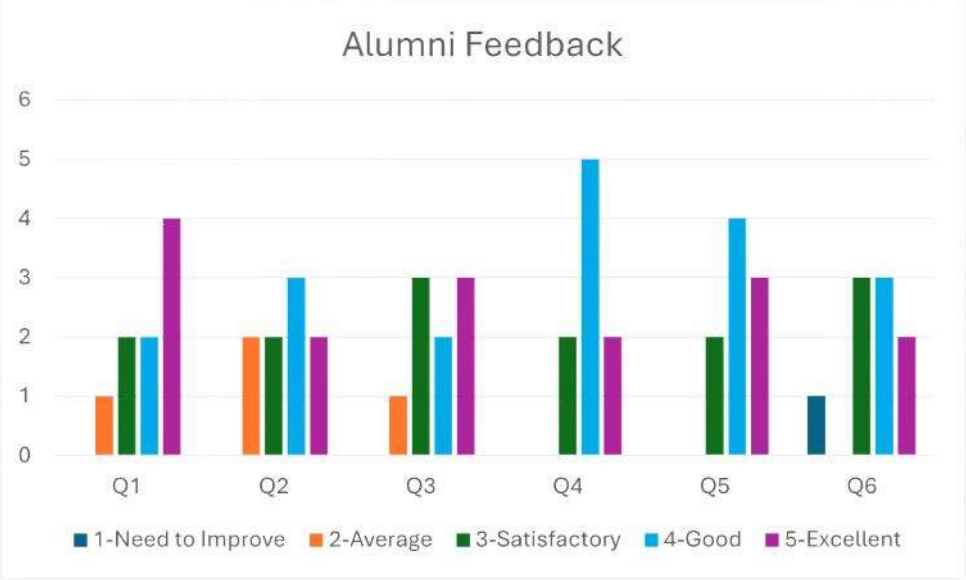

Fig. 3: Alumni Feedback Analysis

The distribution in figure 3 indicates that alumni hold a positive view of the curriculum, suggesting that it has been effective in supporting their academic learning and professional growth. Overall, no major concerns are evident, and the curriculum appears to meet alumni expectations.

2.4 Feedback Form for Parents

Parents' feedback provides a valuable perspective on the overall development of students during their academic journey. Their inputs help in evaluating whether the curriculum contributes to the holistic growth of students, including their knowledge, skills, and values. The questionnaire also focuses on understanding whether the academic environment and curriculum structure support the personal and professional development of students. The detailed parent questionnaire is presented in the table 4 below.

How effectively does the curriculum facilitate students' readiness for higher education?
To what extent is employability considered in the design and development of the syllabus?
Does the syllabus incorporate components that promote value-based education?
Does the curriculum emphasize social responsibility and responsiveness to societal issues?
Does the curriculum provide opportunities that enhance students' self-study skills and research orientation?
Does the current syllabus support the overall personality growth and self-development of students?
Would you like to suggest any additional courses, topics, or emerging technologies that should be included in the curriculum?

Table 4: Questionnaire to parents on Curriculum

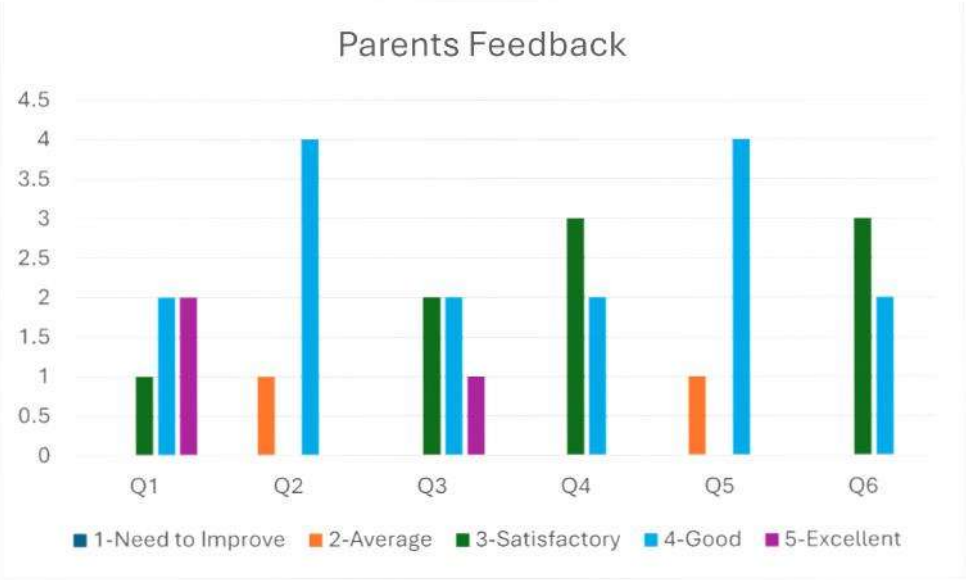

Fig. 4: Parents Feedback Analysis

The pattern in figure 4, indicates that parents have a generally positive perception of the curriculum, particularly in terms of its effectiveness and overall contribution to student development. There are no major concerns highlighted, suggesting that the curriculum is meeting expectations satisfactorily.

2.5 Feedback Form for Industry Experts

Feedback from industry experts is essential in evaluating the alignment of the curriculum with current industry requirements and emerging trends. Their inputs help in assessing whether the program equips students with relevant technical competencies, practical skills, and professional attributes expected in the workplace. The questionnaire also examines whether the curriculum is updated to bridge the gap between academia and industry, thereby enhancing employability and preparing students to meet evolving industry demands. The detailed industry questionnaire is presented in the table 5 below.

Does the curriculum facilitate the development of student skills in alignment with current industry requirements?
Does the curriculum meet the expectations of the industry?
Is the curriculum periodically updated to incorporate advanced topics and align with current academic and industry trends?
Does the curriculum adequately address and integrate the objectives of the programme
How do you assess the relevance and appropriateness of the electives offered within the curriculum
How effectively is employability factored into the curriculum design and development framework?
Would you like to suggest any additional courses, topics, or emerging technologies that should be included in the curriculum?

Table 5: Questionnaire to Industry Experts on Curriculum

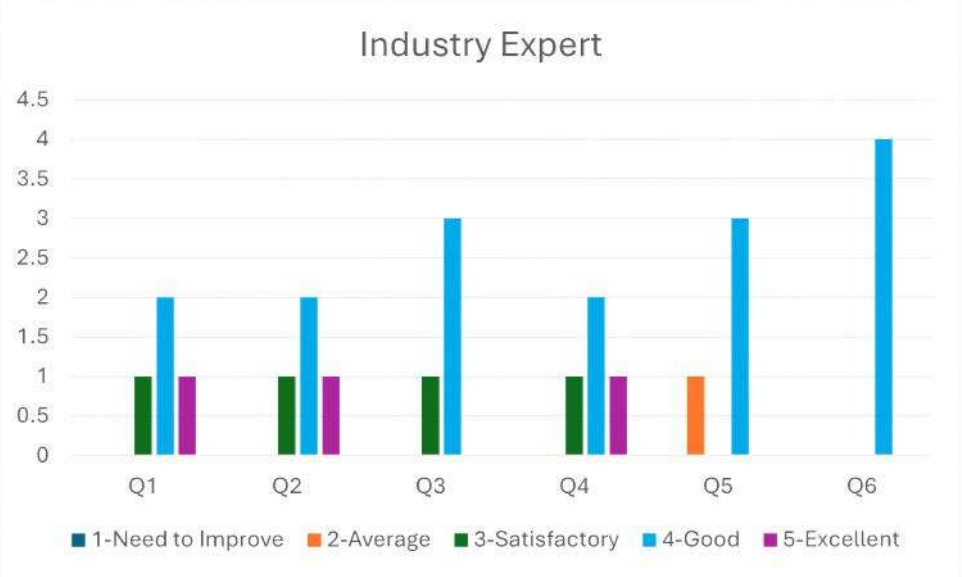

Fig. 5: Industry Expert Feedback Analysis

This indicates that industry experts have a favorable opinion of the curriculum, suggesting that it aligns well with industry expectations and requirements. Overall, there are no significant concerns raised, and the curriculum appears to be relevant and effective from an industry perspective.

Using the structured feedback formats designed for different stakeholders, the department has systematically gathered responses from all the identified groups. For the academic year 2025–26, a substantial number of feedback entries were received from the respective stakeholders mentioned above.

Category of Stakeholder	Number of Responses
Students	284
Faculty	49
Alumni	11
Parents	5
Industry Experts	8
Total Number of Responses	357

Table 6: Number of Feedback Responses on Syllabus for 2025-2026

The comprehensive analysis of feedback collected from multiple stakeholders like students, faculty, alumni, and parents reveals a consistent pattern of strengths and areas requiring enhancement across all academic programmes. While the curriculum is largely perceived as relevant, structured, and outcome-oriented, stakeholders have emphasized the need for further strengthening in areas related to practical exposure, industry alignment, research integration, and holistic student development.

Action Taken Report on Curriculum Feedback Analysis

Programme	Enhancement Areas (Major Feedback)	Action Taken
BCA	• Increase hands-on practice • Add domain-based projects • Improve employability focus	• Mandatory industry internship & specialization projects introduced • Deployment practices incorporated in programming labs • Structured internship with academic credit introduced
BSc	• More practical weightage • Strengthen industry mapping • Early research exposure	• LCA-based (Learning-Centered Approach) project methodology introduced in selected courses • Real-world case studies embedded in core subjects • Innovation-driven assignments included Internship strengthened
MCA	• Enhance system design exposure • Strengthen deployment practices • Improve industry problem mapping	• Full-stack and AI-based projects introduced • DevOps and cloud deployment modules added • Structured research mentoring support provided
MSc (AI&ML)	• More end-to-end AI deployment • Strengthen publication culture • Encourage product development	• Industry-scale AI project labs introduced • Institutional support for conference participation & journal publications provided • Incubation centre support for AI startups enabled
MSc (CSA)	• Industry problem mapping • Product development encouragement	• Incubation centre support enabled • Strong AI based courses like Full Stack hybrid programming, Edge AI, Gen AI courses are introduced.

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