PSG College of Arts & Science
Coimbatore – 641 014

Report on Stakeholders' Feedback on Curriculum
(Academic Year 2023-2024)

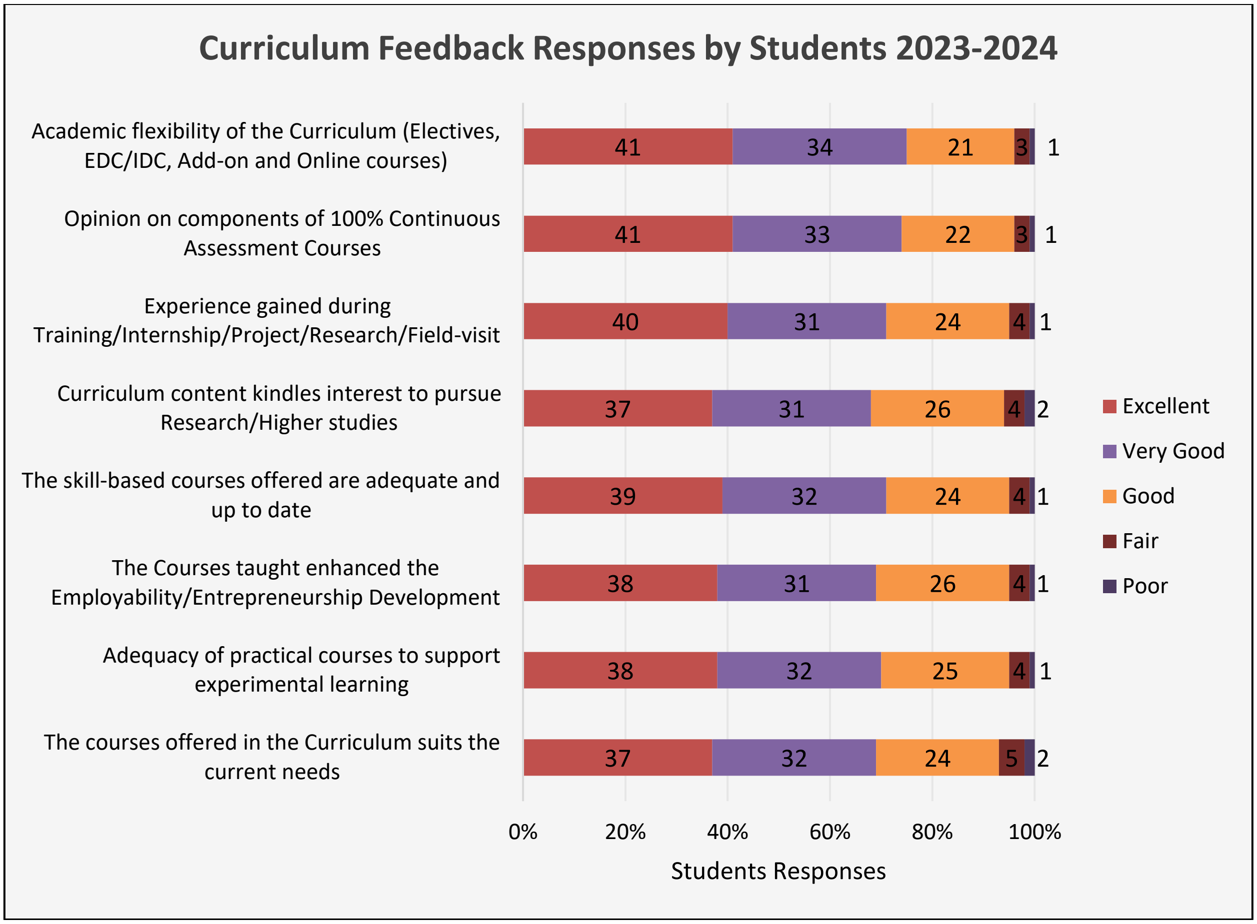
Preamble

Feedback is crucial in shaping decisions for future improvements. As we continuously strive to enrich our curriculum, it is essential to gather perspectives from a diverse group of stakeholders to understand their expectations. To achieve this, structured questionnaires are distributed annually to students, teachers, alumni, employers, and academic peers. These questionnaires address various aspects of curriculum design and syllabus content. This systematic approach ensures that the curriculum evolves to meet the changing needs, preferences and requirements of the stakeholders.

The collected feedback is analysed to extract valuable insights and suggestions. A detailed report based on stakeholders' input is then compiled, serving as the foundation for incorporating necessary changes/modifications in the curriculum and syllabus. These changes are designed to improve the educational experience and outcome.

I Feedback on Curriculum by Students

The structured questionnaire aimed to assess key facets of the curriculum through a comprehensive evaluation of the educational experience. Utilizing a five-point rating scale ranging from Excellent to Poor, it enabled a quantitative analysis of these facets. This approach provided valuable insights into the curriculum's effectiveness and pinpointed areas for potential improvement.



Feedback on the curriculum was gathered from 2021-2024 batch students, with a total of 4450 students participating. The results of this feedback are highly favorable, demonstrating significant satisfaction and alignment with the requirements of industries and professions.

- **Academic Flexibility:** Ninety-six percent of respondents appreciated the curriculum's flexibility, especially in selecting elective courses.

- **Activity Based Learning:** Ninety-five percent of students stated that the practical courses adequately supported experiential learning.

- **Research and Higher Studies:** The curriculum effectively (94%) stimulated students' interest in pursuing research and higher studies.

- **Training and Internship:** Nearly 95% of respondents expressed satisfaction with practical components such as training, internships, projects, research and field visits.

- **Continuous Assessment:** A vast majority (96%) of students were content with the continuous assessment.

- **Employability Enhancement:** About 95% of respondents felt that curriculum courses enhanced their employability and entrepreneurship skills.

- **Relevance to Current Needs:** An impressive 93% of students believed that the courses were well-aligned with current industry demands.
- **Adequacy of Skill-Based Courses:** Students (95%) acknowledged that the curriculum's skill-based courses as adequate and current, crucial for job market preparation.

These positive findings underscore a well-crafted and effective curriculum that meets the expectations of students, industry stakeholders and academia alike. They highlight the curriculum's success in delivering a comprehensive and enriching educational experience.

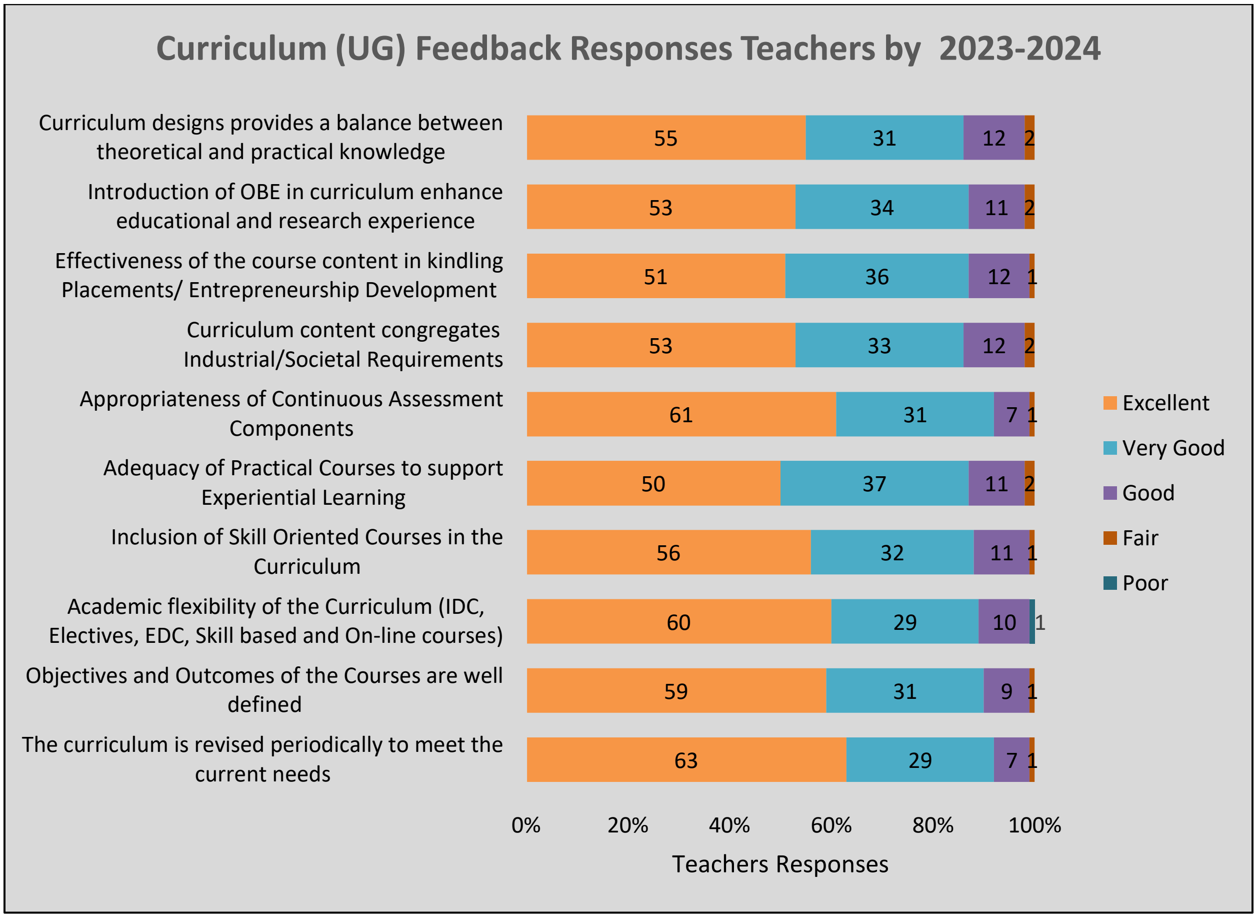
Suggestions given by the Students to improve Curriculum:

These suggestions highlight the importance of keeping the curriculum dynamic, practical, and aligned with the needs of both learners and the industry. Incorporating these ideas can contribute to a more engaging and effective educational experience.

- Hands-on workshops should be incorporated to effectively apply theoretical knowledge.
- Opportunities for real-world problem-solving need to be increased.
- Practical tools and resources should be provided.
- More focused support for students struggling with specific subjects should be enhanced through tutoring programs or study groups.
- Visual aids such as videos should be utilized to clarify technical terms for better understanding.
- More certificate courses relevant to the field should be introduced.
- Modules focused on soft skills development (communication, teamwork, problem-solving, leadership) should be included.
- Project-based learning (PBL) modules should be integrated across various courses.
- Recorded classes should be provided for exam preparation and for students who miss lectures.
- Opportunities for outbound training, industrial visits, internships, and practical learning should be expanded.
- The curriculum should be enriched with hands-on projects, collaborative work, community engagement, and guest lectures from industry professionals.
- Greater flexibility in course selection should be provided to align with students' future goals.
- The SEED Training syllabus should be tailored to meet the specific needs of each department, enhancing relevance and applicability.
- Interdisciplinary "innovation hubs" or maker spaces should be established to foster creativity, problem-solving and entrepreneurship among students.
- The curriculum should be updated to address challenges in clearing entrance exams for higher education.

II Feedback on Curriculum by Teachers:

Gathering feedback from teachers through a structured questionnaire and assessing their responses on a five-point scale is a widely employed approach to evaluating curriculum effectiveness.



Feedback on the curriculum was gathered from 473 teachers.

- **Academic Flexibility:** A significant 99% of teachers expressed satisfaction with the curriculum's academic flexibility, especially in terms of elective course options.
- **Practical Courses:** Approximately 98% of faculty members found the practical courses adequately supported experiential learning within the curriculum.
- **Continuous Assessment:** An overwhelming 99% of teachers agreed that the continuous assessment components effectively contributed to the curriculum's success in promoting placement and entrepreneurship opportunities.
- **Alignment with Industry/Society:** About 98% of teachers believed that the curriculum content aligns well with the needs of industry and society.

- **Balance between Theory and Practice:** Most teachers (98%) perceived a balanced approach between theoretical knowledge and practical application in the curriculum.
- **Skill-Oriented Courses:** Ninety-nine percent of teachers were satisfied with the inclusion of skill-oriented courses, emphasizing their importance in developing professional skills.
- **Enhanced Educational/Research Experience:** Teachers acknowledged that the integration of Outcome-Based Education (OBE) significantly enhanced the educational and research experiences of students.
- **Clear Objectives/Outcomes:** Teachers stated that curriculum objectives and learning outcomes are well-defined, ensuring clarity in educational outcomes.
- **Curriculum Revision:** An impressive 99% of teachers confirmed that the curriculum undergoes regular updates to meet current industry and professional needs.

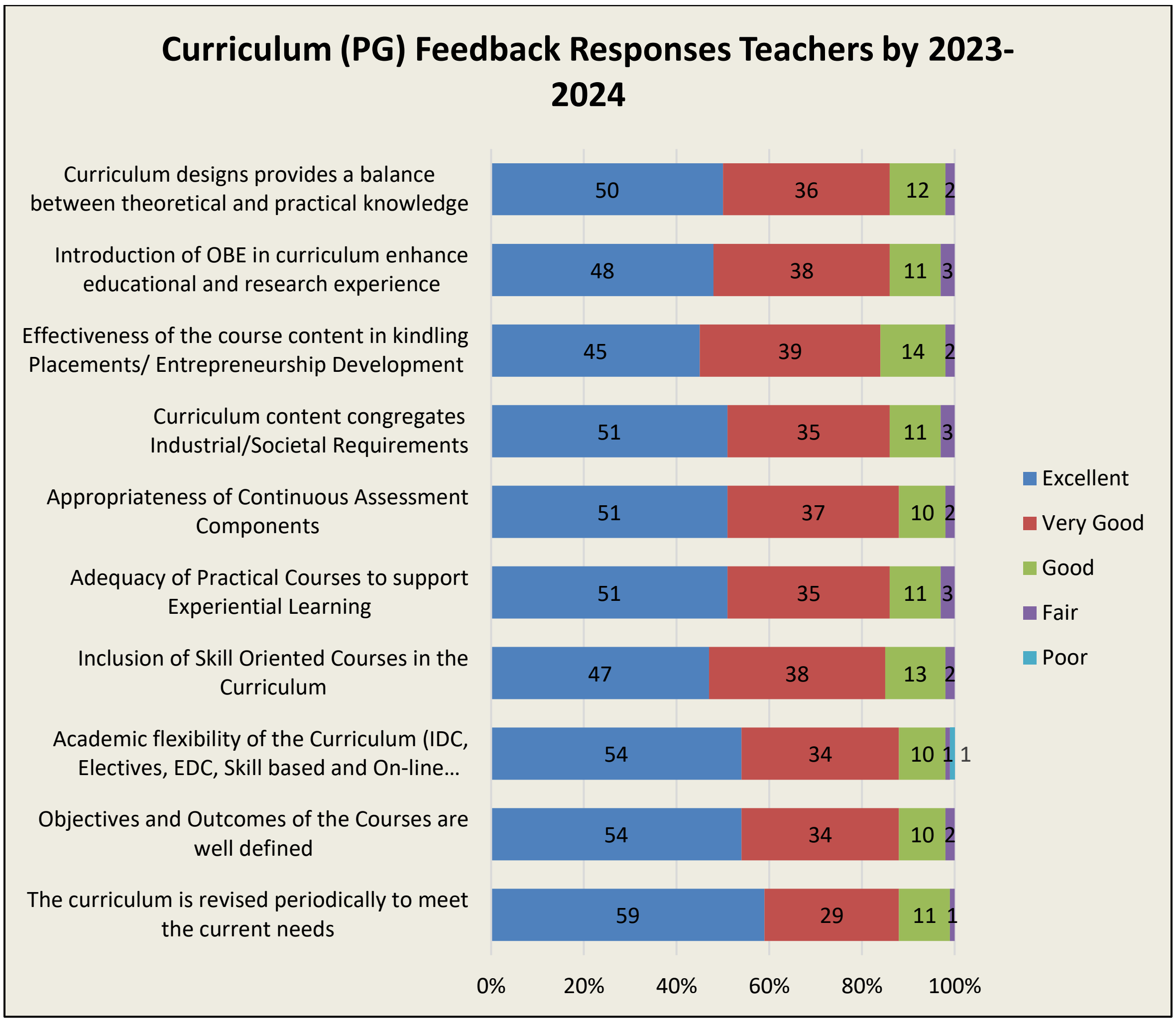
These findings underscore the curriculum's success in meeting the evolving demands of academia and industry. These highlight that the curriculum is meticulously designed, flexible, and closely aligned with educational and professional objectives.

Suggestions given by the Teachers to improve Curriculum:

These are valuable suggestions for curriculum enhancement and improvement. They highlight various areas where adjustments and enhancements can be made to better align the curriculum with evolving educational needs and industry expectations.

- The curriculum should be aligned with the CSIR and IIT-JAM syllabi, integrating case studies, projects, internships, and experiential learning.
- The number of electives should be increased, and skill-oriented courses should be revised to remain relevant.
- Periodic industrial visits should be conducted for all three years to provide real-time business practice understanding.
- The syllabus for skill enhancement courses like value and ethics should be concise, with moral value and ethics included with the highest credit.
- Self-study papers and online teaching should be implemented, along with digital learning tools and innovative teaching methodologies.
- Research projects should be introduced from the first semester of UG to develop critical thinking skills.
- Language lab classes for English should be included, and language hours for first-year students should be reduced from 6 to 4 hours.
- Computer classrooms and employment platforms for Tamil students should be created, with multilingual training offered.
- One 100% CA course with an open book in core courses should be introduced during the fifth or sixth semester.
- The weightage marks for skill innovative tasks should be revised, and more workshops, seminars, and hands-on training should be conducted.

- Competitive exam-based teaching should be included to better prepare students.
- Advanced and applied aspects should be prioritized to enhance entrepreneurship and research outcomes.
- Interdisciplinary approaches should be encouraged to foster creativity, innovation, and adaptability.
- MoUs with industries and international universities should be established for knowledge enrichment.
- Project work should be based on internship training to provide practical experience.



Feedback on the curriculum was gathered from 305 teachers, revealing overwhelmingly positive sentiments and strong alignment with various aspects of the curriculum.

- **Academic Flexibility:** A significant 98% of teachers expressed satisfaction with the curriculum's academic flexibility, especially in terms of elective course options.

- **Practical Courses:** Approximately 97% of faculty members found the practical courses adequately supported experiential learning within the curriculum.

- **Continuous Assessment:** An overwhelming 98% of teachers agreed that the continuous assessment components effectively contributed to the curriculum's success in promoting placement and entrepreneurship opportunities.

- **Alignment with Industry/Society:** About 97% of teachers believed that the curriculum content aligns well with the needs of industry and society.

- **Balance between Theory and Practice:** Most teachers (98%) perceived a balanced approach between theoretical knowledge and practical application in the curriculum.

- **Skill-Oriented Courses:** Ninety-eight percent of teachers were satisfied with the inclusion of skill-oriented courses, emphasizing their importance in developing practical skills.

- **Enhanced Educational/Research Experience:** Teachers acknowledged that the integration of Outcome-Based Education (OBE) principles significantly enhanced the educational and research experiences of students.

- **Clear Objectives/Outcomes:** Teachers noted that curriculum objectives and learning outcomes are well-defined, ensuring clarity in educational goals.

- **Curriculum Revision:** An impressive 99% of teachers confirmed that the curriculum undergoes regular updates to meet current industry and professional needs.

These findings underscore the curriculum's success in meeting the evolving demands of academia and industry. They highlight a curriculum that is meticulously designed, flexible, and closely aligned with educational and professional objectives.

Suggestions given by the Teachers to improve Curriculum:

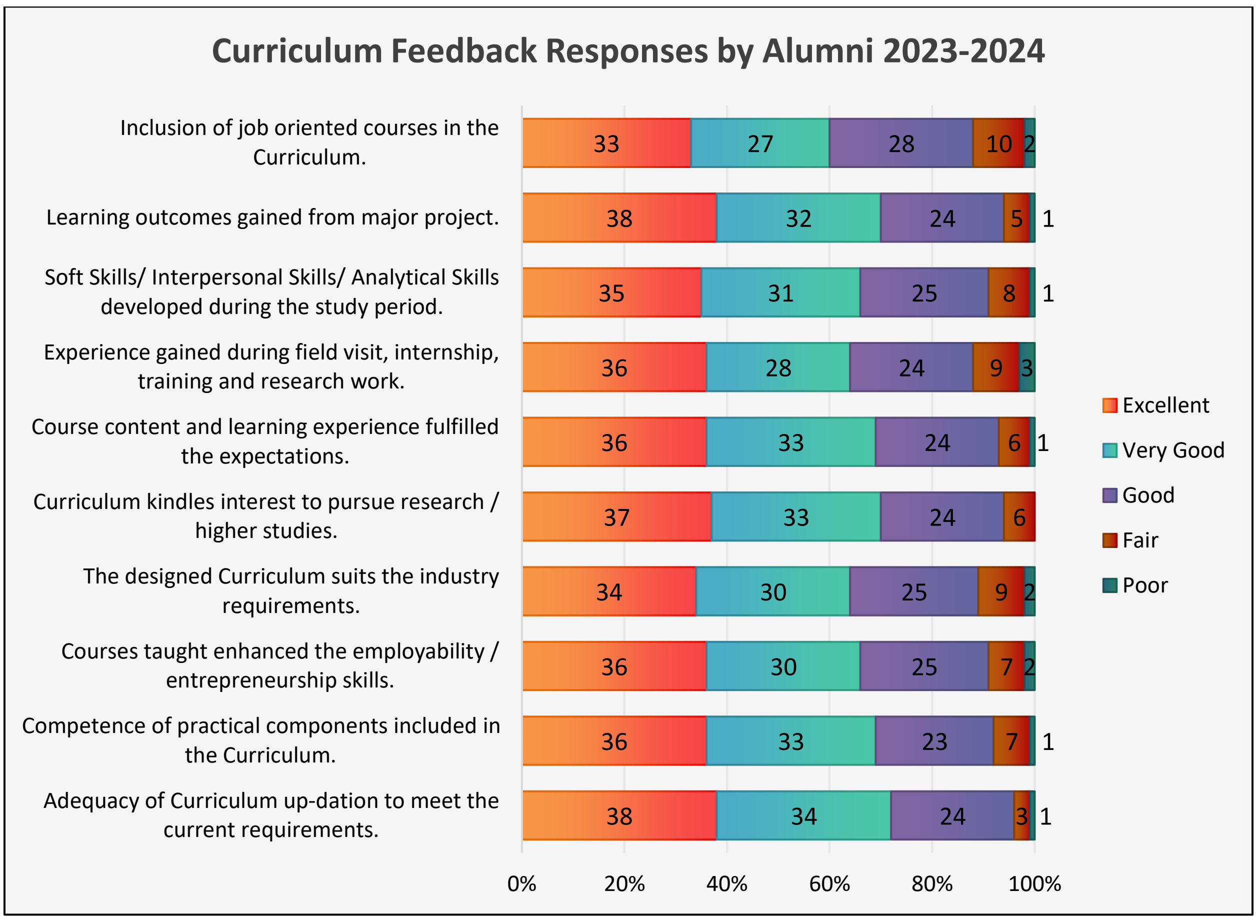
These are valuable suggestions for curriculum enhancement and improvement. They highlight various areas where adjustments and enhancements can be made to better align the curriculum with evolving educational needs and industry expectations.

- A better balance between theoretical knowledge and practical skills is needed.
- Integrating new technological methods with commercial applications would help students advance their career-oriented research and job prospects.
- Elements from the IIT-JAM syllabus could be incorporated into our curriculum.
- Self-study papers and online teaching for selected topics could be introduced
- Undergraduate students could participate in mini projects, while postgraduate students would focus on publishing papers as part of their academic journey.
- Basic research paper writing may also be included in the curriculum.
- Industrial visits relevant to the curriculum can be prioritized and innovative teaching methods could be explored.
- The number of workshops, seminars, and hands-on training sessions could be increased.
- Suggestion to update the question paper pattern to include compulsory case studies in both continuous assessment and final exams to assess students' understanding.

- Skill-oriented courses, requiring more instructional hours than theoretical papers.
- Implementing a hybrid class system is expected to enhance teaching effectiveness.
- Establishing partnerships with industries and international universities to enrich students' knowledge base.
- Overall, our curriculum framework is highly respected for its alignment with industry and innovation requirements, as well as its preparation of students for advanced studies.

III Feedback on Curriculum by Alumni:

Alumni feedback provides valuable insights into the effectiveness and impact of educational programs beyond graduation. It serves as a crucial indicator of how well a curriculum prepares graduates for their careers and life beyond academia.



Feedback from a cohort of 1173 alumni provides valuable insights into their perspectives on the curriculum and its alignment with their educational and professional needs.

- **Curriculum Updates:** An impressive 96% of alumni acknowledged the regular updates to the curriculum, ensuring its relevance to current industry and professional standards.
- **Effectiveness of Practical Components:** Approximately 92% of alumni expressed satisfaction with the competence and effectiveness of the practical components integrated into the curriculum.
- **Employability and Entrepreneurship Skills:** About 91% of alumni reported positive impacts on their employability and entrepreneurship skills due to the courses they undertook as part of the curriculum.
- **Alignment with Industry Requirements:** Around 89% of alumni felt that the curriculum design aligned well with industry requirements.
- **Interest in Research and Higher Studies:** Notably, 94% of alumni indicated that the curriculum stimulated their interest in pursuing research and higher studies.
- **Course Content and Learning Experience:** Similarly, 93% of alumni found the course content and overall learning experience fulfilling, reflecting a positive response.
- **Practical Exposure (Field Visits, Internships, etc.):** While 88% of alumni expressed satisfaction with the practical exposure gained during field visits, internships, training, and research work.
- **Development of Soft Skills, Interpersonal Skills, and Analytical Skills:** Ninety-one percent of alumni noted significant development in soft skills, interpersonal skills, and analytical skills during their study period.
- **Learning Outcomes from Major Projects:** A substantial 94% of alumni found the learning outcomes from major projects satisfactory.
- **Job-Oriented Courses:** Eighty-eight percent of respondents believed that the curriculum included an adequate number of job-oriented courses designed to prepare students for employment in their chosen fields.

These findings underscore a curriculum that is responsive to the evolving needs of alumni, effectively preparing them for challenges and opportunities in their respective fields. The overwhelmingly positive responses highlight the curriculum's success in achieving its educational objectives.

Suggestions given by Alumni to improve Curriculum:

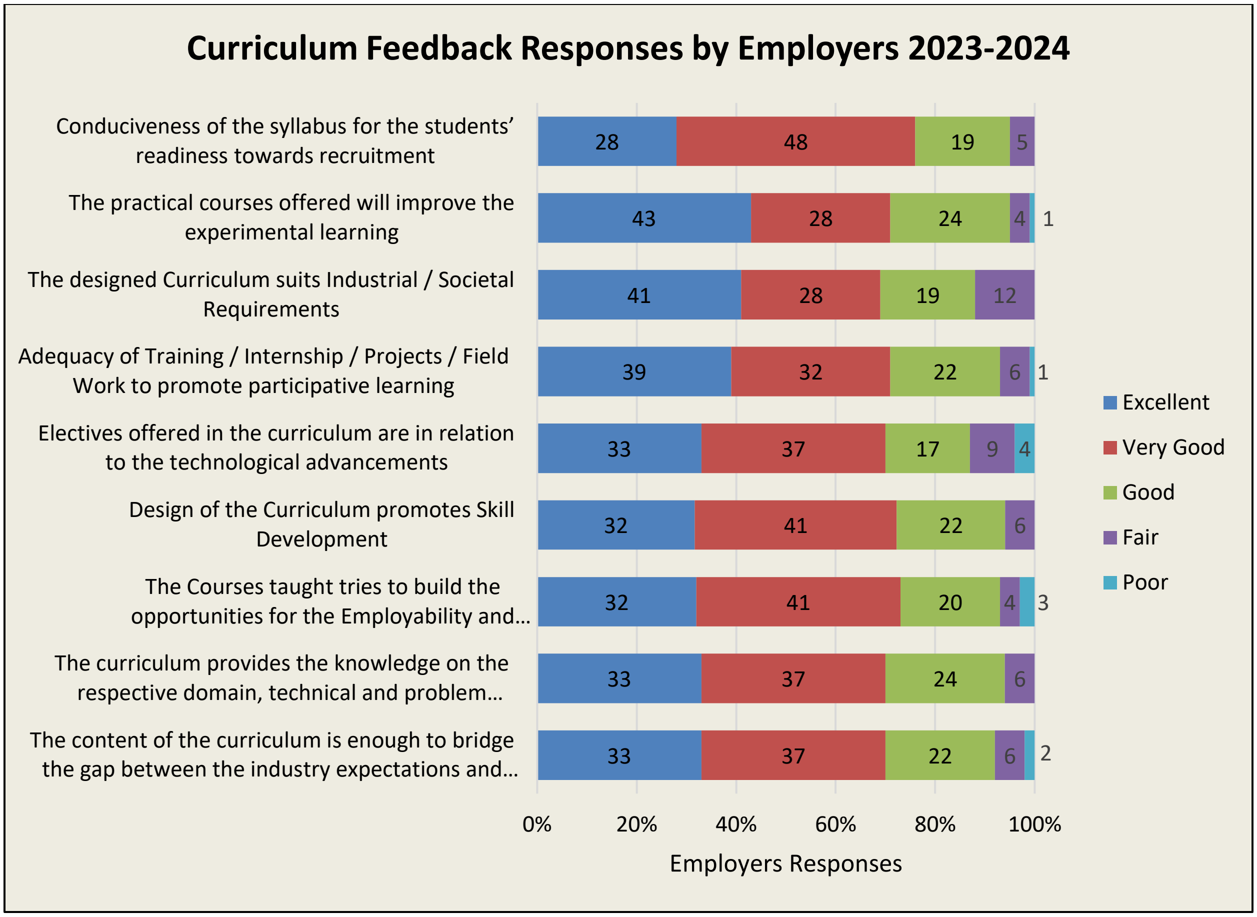
These suggestions demonstrate a commitment to providing a well-rounded and engaging educational experience that equips students with the knowledge and skills needed to succeed in the competitive world while encouraging entrepreneurship and research. Here's a summary of these valuable recommendations:

- Contemporary topics should be introduced, and skill programs should be enhanced.
- Field visits, group discussions, interactive classes, and extracurricular activities should be increased.

- Weekly or monthly tests should be implemented.
- Visits to top MNCs should be provided to enhance exposure.
- Mock aptitude tests should be conducted in SEED classes to aid in placements.
- Diplomas should be included within degrees to allow for multiple graduations.
- Real-world applications should be integrated into the curriculum to foster critical thinking and inclusivity.
- Mandatory subjects like AI and data science should be included to align with industry trends.
- Soft and interpersonal skills should be emphasized.
- Compulsory library hours should be included each week.
- Extra training in soft skills and practical knowledge should be provided.
- Interactive sessions with recently placed seniors should be arranged for guidance.
- SEED training should focus on profile building through projects, presentations, and extracurricular activities.
- Labs should be upgraded, and the curriculum should be kept updated with new technologies.
- The curriculum should be aligned with competitive exam syllabi, including practical problems for higher studies.
- Learning should be made more meaningful by integrating real-world applications, case studies, guest lectures and field trips.

IV Feedback on Curriculum by Employers:

Gathering feedback from employers on the curriculum is essential for ensuring that educational programs meet industry standards and adequately prepare students for their careers. This feedback helps institutions understand how well their curriculum aligns with employer expectations and industry needs, enabling them to make necessary adjustments to improve educational quality and workforce readiness. Through structured questionnaires, institutions can obtain critical insights into the strengths and weaknesses of their programs, leading to more informed decisions and better outcomes for students.



Feedback on the curriculum was gathered from 54 employers, revealing a positive alignment between educational offerings and industry expectations.

- **Curriculum Content:** Ninety-two percent of employers believe the curriculum successfully bridges the gap between industry expectations and academic offerings.
- **Enhanced Employability and Entrepreneurial Attitudes:** Ninety-three percent of employers think the courses enhance employability and foster entrepreneurial attitudes, preparing students for the job market and encouraging entrepreneurial mindsets.
- **Emphasis on Skill Development:** Ninety-five percent of employers feel the curriculum emphasizes skill development, imparting practical and soft skills essential for the workplace.
- **Relevance of Electives:** Eighty-seven percent of employers agree that the electives align with current technological advancements.
- **Effectiveness of Training and Internships:** Ninety-three percent of employers are satisfied with the training, internships, and projects, which promote participative learning and prepare students for real-world roles.

- **Alignment with Industrial and Societal Requirements:** Eighty-eight percent of employers feel the curriculum meets both industrial and societal needs, preparing graduates to contribute positively to society.

- **Experimental Learning:** Ninety-five percent of employers are satisfied with the enhancement of experimental learning through practical courses.

- **Readiness for Recruitment:** Ninety-five percent of employers find the curriculum suitable for enhancing students' readiness for the job market.

Overall, employer feedback highlights the curriculum's effectiveness in meeting industry expectations, fostering skill development, and preparing students for successful careers. These results affirm the curriculum's relevance and its success in equipping students with the knowledge, skills, and attitudes needed to excel in their professions and contribute to the workforce effectively.

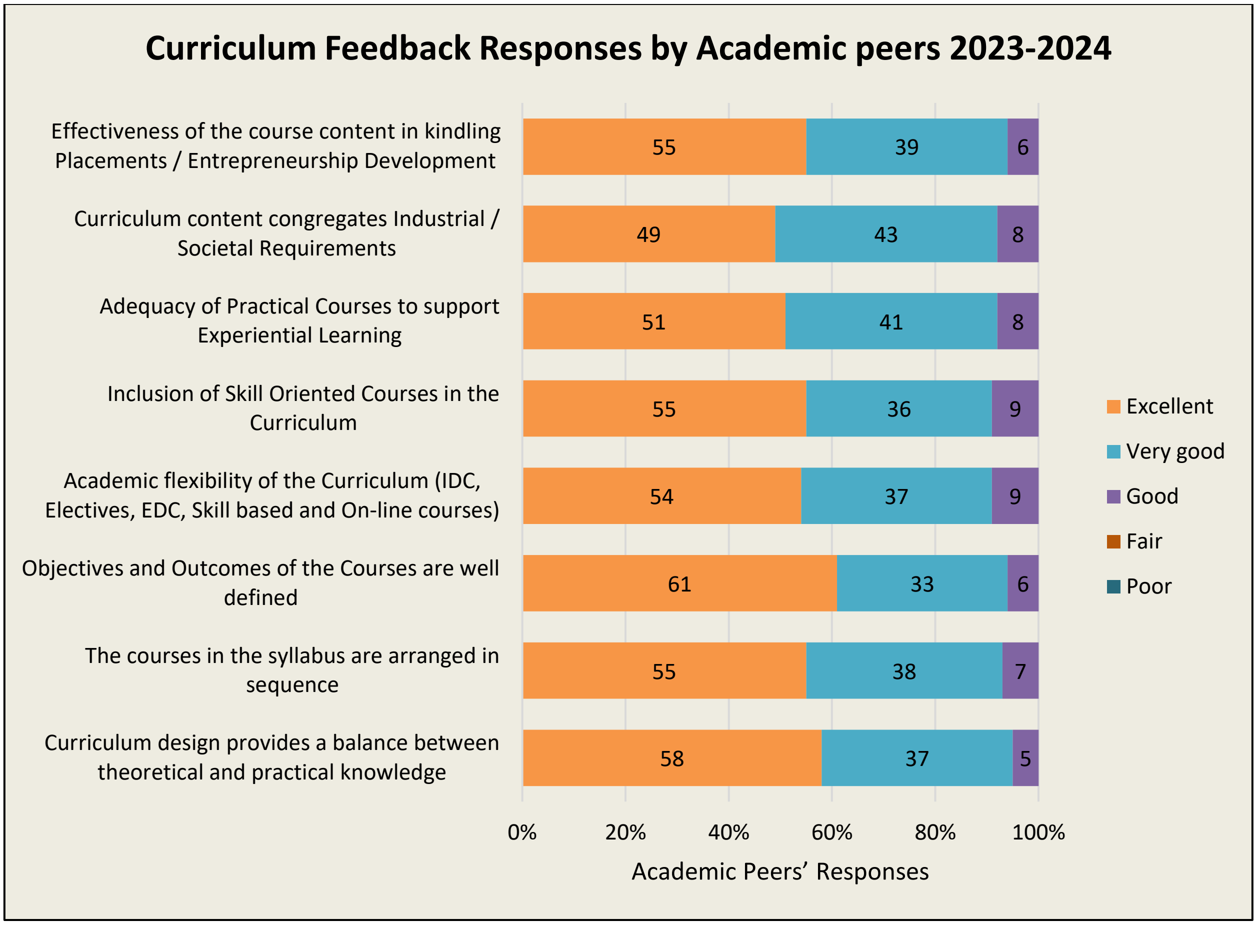
Suggestions given by Employers to improve Curriculum:

These suggestions offer further insights on how to enhance the curriculum and educational experience, better preparing students for the industry's evolving demands.

- The syllabus should be updated regularly.
- A greater focus should be placed on experiential learning.
- Students should be encouraged to attend skill-based training to enhance their knowledge.
- Students should be educated about career opportunities after their studies.
- More practical experience should be provided to align with future job expectations.
- Internships should be facilitated promptly to offer better experiences for students.
- An extra lab course should be included each semester.
- The number of practical course hours should be increased based on the difficulty of the subject.
- Practical sessions should be emphasized to develop skills over theory sessions.
- Students should choose their work domain in their final year and focus on achieving the best results for better placements.
- More hands-on projects related to the curriculum should be incorporated.
- Training in the latest technologies according to industry standards should be provided.

V Feedback on Curriculum by Academic Peers:

Gathering feedback from academic peers is essential for evaluating the curriculum's effectiveness from an educational and pedagogical perspective. Using a structured questionnaire, feedback on various key parameters is collected to provide valuable insights into the curriculum's pedagogical aspects. This process helps educational institutions make informed decisions to enhance the overall quality of education and ensure it meets the evolving needs of students and the academic community.



Feedback was received from 393 academic peers, offering valuable insights into the curriculum's design and effectiveness.

- **Curriculum Balance:** All academic peers agree that the curriculum maintains a good balance between theoretical and practical knowledge, indicating a well-rounded educational approach.
- **Sequencing of Courses:** All peers find that the courses are arranged logically and sequentially, enhancing the coherence of the learning progression.
- **Objectives and Outcomes:** Every respondent feels that the objectives and outcomes of the courses are well-defined, ensuring clarity in educational goals.
- **Academic Flexibility:** All peers believe the curriculum offers adequate academic flexibility, with provisions for interdisciplinary courses, electives, entrepreneurship development courses, skill-based courses, and online courses.
- **Skill-Oriented Courses:** All respondents agree that the curriculum includes sufficient skill-oriented courses, highlighting the importance of practical skill development.
- **Practical Courses:** All peers find that the practical courses are adequate to support experiential learning and hands-on skill development.

- **Curriculum Alignment:** All respondents feel the curriculum aligns well with industrial and societal requirements, reflecting its relevance to current trends and needs.
- **Placements and Entrepreneurship:** Every peer believes the course content effectively prepares students for placement opportunities and fosters an entrepreneurial mindset, showcasing its real-world applicability.

Overall, the feedback indicates a positive perception of the curriculum by academic peers. It highlights areas where the curriculum excels and suggests areas for potential improvement to better align with educational and industry requirements.

Suggestions given by Academic Peers to improve Curriculum:

These suggestions underscore the necessity of enhancing the curriculum to equip students with valuable skills and knowledge relevant to the current industry scenario.

- The curriculum is well-designed and updated. To enhance it further, more industrial-oriented inputs can be included as case studies.
- Students can attend field-based events, both of local and national importance.
- Content based on industry needs and the latest trends should be incorporated.
- The focus of internships should be clearly defined. Universities can collaborate with alumni working in leading corporations for academic purposes and corporate opportunities.
- Blended learning, including e-content and YouTube content, can be created by faculties for practical courses and shared with students.
- Students interaction with industry experts should be encouraged.
- New and upcoming technologies need to be introduced.
- Skill development programs with mini projects will help in terms of placements and establishing startup institutions.
- Practical experience should be a key component, encouraging students to explore subjects in-depth and improve their practical knowledge. This can be supported with relaxing communication classes, physical activities, and mind games.
- Students should receive as much practical exposure as possible.
- Course-wise self-study papers can be included.
- Internships and industrial visits should also be incorporated.
- CO-PO mappings can be fine-tuned. All COs mapped to all POs should be reviewed.
- Advanced courses require prerequisites.

These recommendations emphasize the importance of aligning the curriculum with the evolving needs of students and the industry, equipping them with the skills and knowledge essential for career success.

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