



CURRICULUM FEEDBACK REPORT OF THE ACADEMIC YEAR 2023-24

1. STUDENT AND ALUMNI FEEDBACK

Introduction

This report provides an in-depth analysis of feedback collected from students regarding the academic curriculum for the academic year 2023-24. The responses were analyzed to identify areas of strength and improvement, with the ultimate goal of aligning the curriculum with students' learning needs and career aspirations.

1. Academic Syllabus

Students and alumni largely appreciated the significance and relevance of the academic syllabus. The syllabus was considered updated and aligned with current academic and professional standards. However, a few respondents highlighted gaps, particularly in addressing emerging areas and rapidly evolving fields.

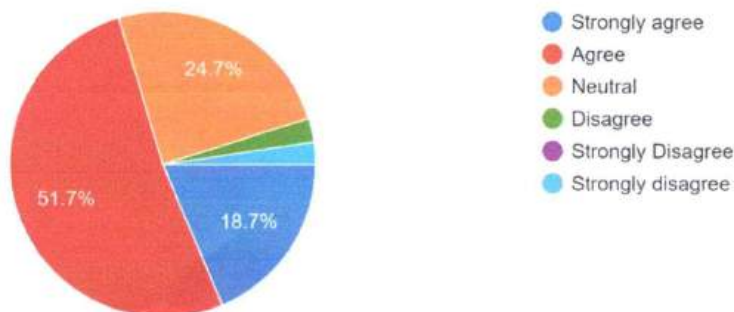
Detailed Observations:

- Strengths: The syllabus covers foundational and advanced topics effectively.
- Concerns: Some modules appear outdated or lack focus on cutting-edge advancements such as artificial intelligence, data science, and sustainable practices.

Actionable Suggestions:

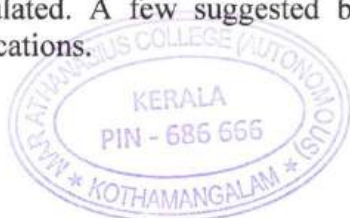
1. Periodic Syllabus Review: Collaborate with industry and academic experts to ensure the curriculum remains up-to-date.
2. Integration of Emerging Fields: Include modules or electives that focus on trending and future-oriented areas like AI, machine learning, and green technologies.

The academic syllabus was significant and updated
1,152 responses



2. Learning Objectives and Course Outcomes

The majority of students found the learning objectives and course outcomes to be clear and well-articulated. A few suggested better explanation and connection of objectives to real-world applications.




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Detailed Observations:

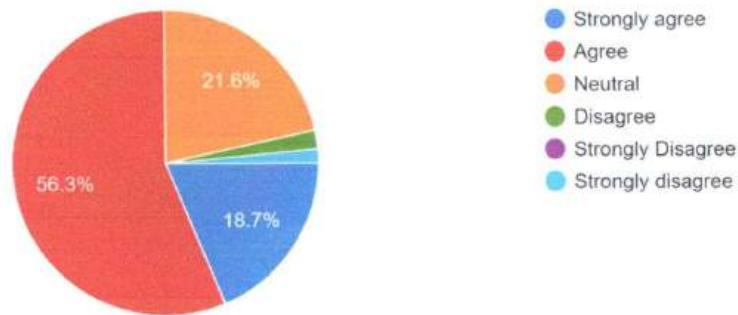
- Strengths: Most courses clearly define objectives, fostering a sense of direction.
- Concerns: Some students feel the objectives lack practical clarity and alignment with career goals.

Actionable Suggestions:

1. Enhance clarity in learning objectives by linking them to real-world scenarios.
2. Conduct workshops or sessions at the beginning of each course to familiarize students with the course goals and expected outcomes.

The learning objectives and course outcomes of each course in the syllabus are well defined and clear.

1,152 responses



3. Relevance and Advancements in the Curriculum

While the syllabus was deemed appropriate, students pointed out gaps in the inclusion of advancements in specific subject areas.

Detailed Observations:

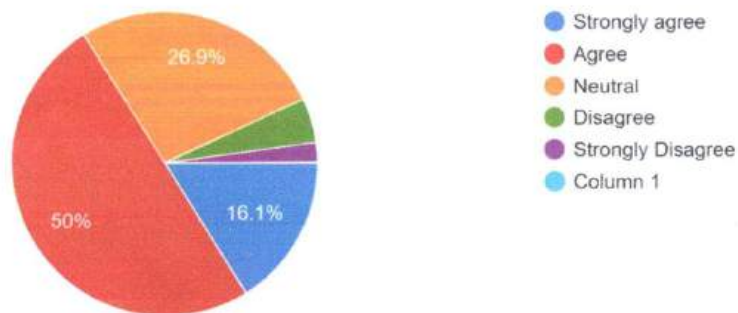
- Strengths: The core curriculum provides a robust academic foundation.
- Concerns: Emerging areas and interdisciplinary subjects are underrepresented.

Actionable Suggestions:

1. Introduce interdisciplinary electives such as environmental science and technology, ethics in artificial intelligence, and computational biology.
2. Regularly update the curriculum to include advancements in various domains.

The syllabus is appropriate for the programme and includes the recent advancements in the subject.

1,152 responses




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4. Skill-Based Training and Field Work

Skill-based training and fieldwork were positively received. However, students requested increased practical exposure and hands-on training opportunities.

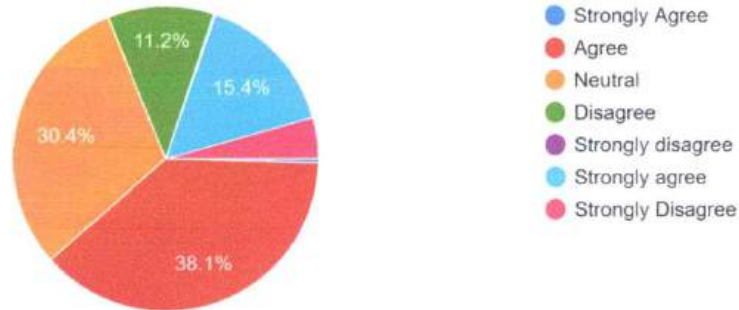
Detailed Observations:

- Strengths: The curriculum includes essential skill-building components.
- Concerns: Fieldwork opportunities and practical assignments can be expanded for more immersive learning.

Actionable Suggestions:

1. Partner with industries for real-world projects, internships, and field visits.
2. Include workshops on emerging technologies and soft skills development.

The curriculum includes skill based training or field work
1,152 responses



5. Availability of Learning Resources

Most respondents found the learning resources satisfactory. However, there were requests for additional advanced resources, particularly in digital formats.

Detailed Observations:

- Strengths: Textbooks and references for foundational topics are readily available.
- Concerns: Limited access to advanced or niche resources.

Actionable Suggestions:

1. Expand digital library services to include research papers, journals, and ebooks.
2. Ensure all recommended resources are updated and accessible.

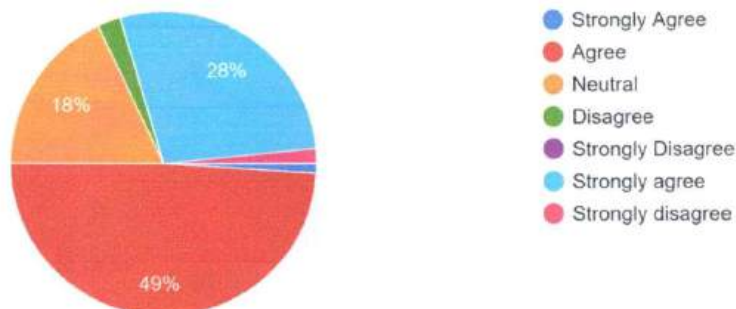



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The recommended textbooks/references and other learning resources are available.

1,152 responses



6. Self-Learning and Extra Learning Opportunities

The curriculum moderately encourages self-learning, but many students believe it can be improved to foster independent study and exploration.

Detailed Observations:

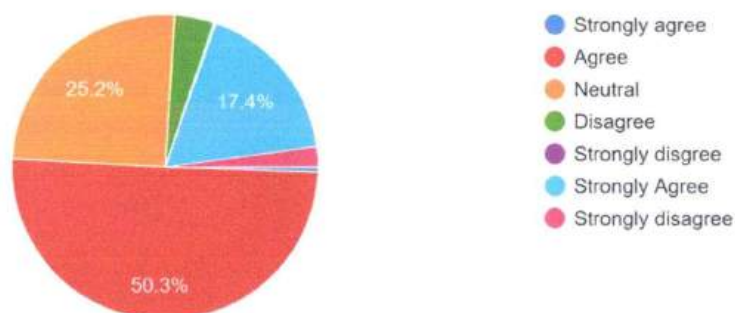
- Strengths: Assignments and projects provide some scope for self-learning.
- Concerns: Limited focus on independent or extra learning opportunities.

Actionable Suggestions:

1. Design courses that emphasize exploratory learning through research-based projects.
2. Provide online resources, MOOCs, and certifications to encourage independent learning.

The curriculum designed for the programme encourages extra learning/self learning.

1,152 responses



7. Relevance of Electives

Electives were appreciated for their relevance to the core curriculum. However, there is a demand for a broader and more interdisciplinary range of options.


Detailed Observations:

- Strengths: Electives align well with core subjects.
- Concerns: Lack of diversity in elective options across interdisciplinary areas.

Actionable Suggestions:

1. Increase the number of electives across domains such as finance, sustainability, and technology.



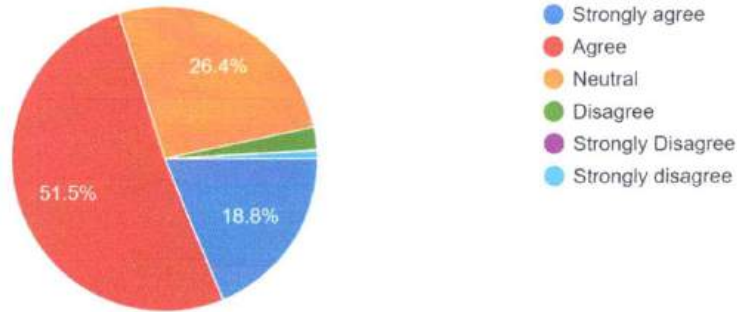

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2. Allow flexibility in choosing electives from different streams.

The electives offered are relevant to the core subject and are useful for the specialisation of a subject domain.

1,152 responses



8. Inclusion of Social and Ethical Issues

Many students appreciated the inclusion of topics like gender equality, environment, and ethics in the curriculum. However, there were suggestions to increase their practical integration.

Detailed Observations:

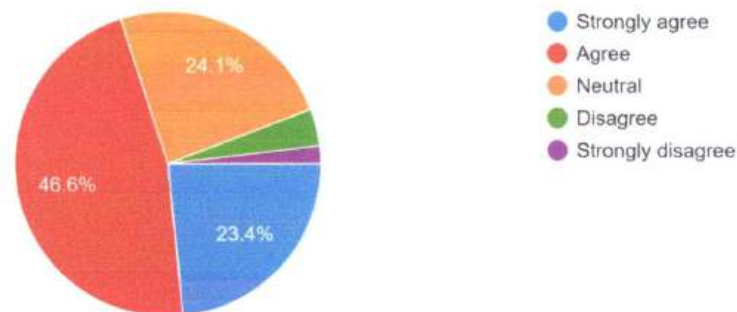
- Strengths: The curriculum touches upon important social issues.
- Concerns: Limited practical or project-based approaches to these topics.

Actionable Suggestions:

1. Introduce interactive sessions, discussions, and project-based modules on these topics.
2. Collaborate with NGOs and organizations for field exposure on gender equality and environmental sustainability.

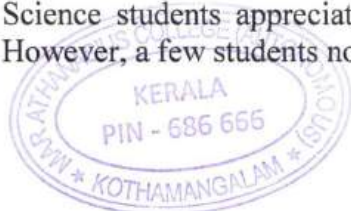
The curriculum introduces students to issues such as gender equality, environment and sustainability, ethics and other values.

1,152 responses



9. Laboratory Experiments or Experiential Learning

Science students appreciated the role of laboratory experiments in enhancing understanding. However, a few students noted outdated practices and lack of modern equipment.



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Detailed Observations:

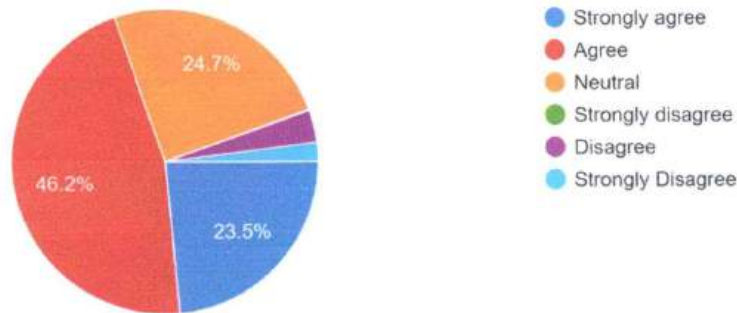
- Strengths: Experiments align with theoretical knowledge.
- Concerns: Lack of advanced experiments and updated laboratory setups.

Actionable Suggestions:

1. Update laboratory equipment and manuals to align with current scientific standards.
2. Include experiments that promote interdisciplinary and hands-on learning.

*The laboratory experiments are designed to enhance the understanding of the concepts and promote experimental learning. * (This question is applicable only for Science students.)

796 responses



10. Real-Life Issues and Analytical Skills

The curriculum was generally seen as effective in fostering analytical skills. Students, however, requested stronger connections to real-world problems.

Detailed Observations:

- Strengths: Analytical thinking is a strong component of the curriculum.
- Concerns: Real-world relevance of certain topics needs enhancement.

Actionable Suggestions:

1. Use case studies, live projects, and industry collaboration to link theoretical knowledge with practical applications.
2. Encourage capstone projects addressing contemporary global challenges.

11. Suggestions for Syllabus Changes

Students expressed a desire for adding modules on hands-on training, value-based education, Indian knowledge systems, and emerging technologies.


Detailed Observations:

- Strengths: The current syllabus provides a solid foundation.
- Concerns: Need for modern and culturally relevant content.

Actionable Suggestions:

1. Introduce workshops and elective courses on Indian knowledge systems and values.
2. Include skill-based training sessions focusing on new technologies and methodologies.

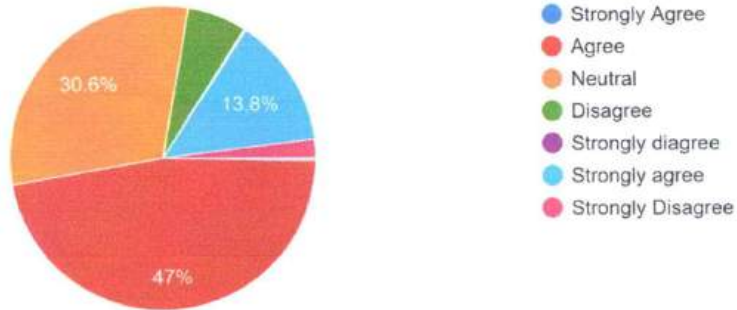



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The curriculum is designed to develop ability to analyse real life issues.

1,152 responses



CONCLUSION OF STUDENT AND ALUMNI FEEDBACK RESPONSES

The feedback highlights a curriculum that is largely effective and well-received by students. However, specific areas require focused improvement, including modernization, enhanced practical exposure, skill-based training, and a stronger emphasis on multidisciplinary and interdisciplinary learning. By addressing these aspects through the recommended actions, the curriculum can be further enriched to become more dynamic, future-oriented, and better aligned with evolving academic standards and industry requirements.



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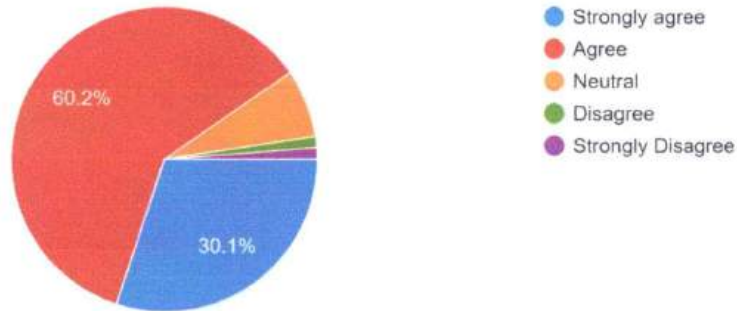
3. TEACHER FEEDBACK

The curriculum feedback collected from faculty members provides insights into the strengths and areas for improvement. Below is a summary based on key questions:

1. Stakeholder Needs Alignment:

- **Feedback:** The majority of respondents agree that the curriculum is designed to meet the needs of stakeholders.
- **Actionable Suggestions:** Continue aligning curriculum updates with stakeholder expectations.

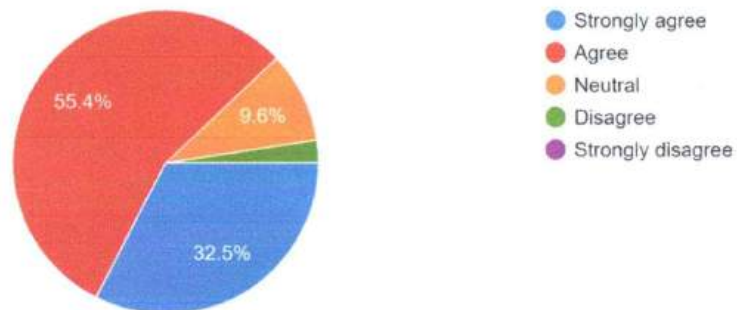
The UG curriculum is designed based on the needs of the stakeholders.
83 responses



2. Learning Objectives and Outcomes:

- **Feedback:** Faculty members strongly agree that the learning objectives, program outcomes, and course outcomes are well-defined.
- **Actionable Suggestions:** Maintain clarity in defining learning outcomes while integrating contemporary industry and academic demands.

The learning objectives, program outcome and course outcome of each course in the UG curriculum are well defined and clear.
83 responses



3. Course Sequence and Content Organization:



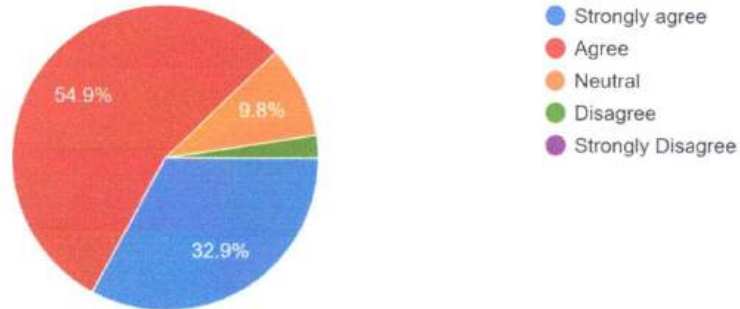
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- **Feedback:** Respondents agree that the sequence and organization of courses are appropriate.
- **Actionable Suggestions:** Periodically review the course structure to ensure coherence and relevance.

The sequence of the courses in the UG curriculum and the organisation of the content in different courses are appropriate.

82 responses



10. Credit Allocation:

- **Feedback:** Faculty unanimously agree that credit allocation is appropriate for the coursework required.
- **Actionable Suggestions:** Continue with current credit allocation while monitoring its efficacy.

The allocation of the credits to the courses is appropriate with regard to the level of coursework required

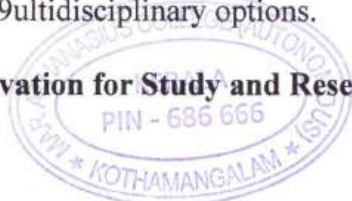
83 responses



11. Choice-Based Courses:

- **Feedback:** Most respondents find the choice-based courses pertinent and helpful for specialization.
- **Actionable Suggestions:** Expand the range of electives, including interdisciplinary and multidisciplinary options.

6. Motivation for Study and Research:



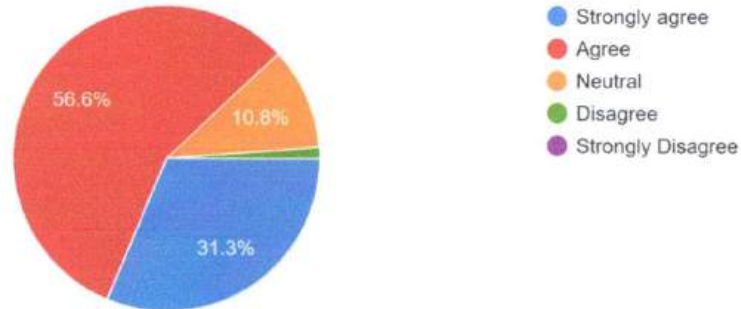

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- **Feedback:** The curriculum sufficiently motivates both students and faculty for research and further studies.
- **Actionable Suggestions:** Provide additional research-oriented opportunities like seminars and project work.

The curriculum sufficiently motivates both the teachers and students for further study and research.

83 responses



7. Competitiveness of the Syllabus:

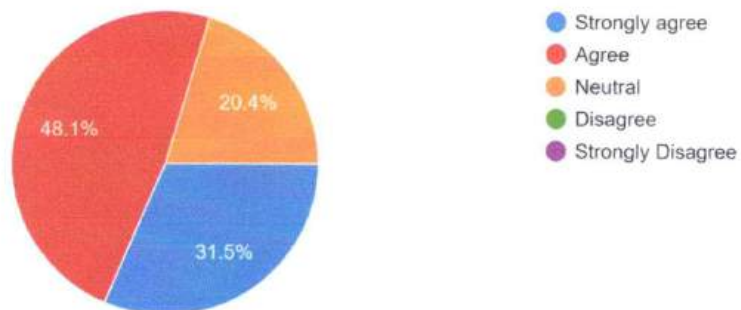
- **Feedback:** Faculty believe the syllabus is competitive and aligns with UGC's CBCS guidelines.
- **Actionable Suggestions:** Benchmark with top institutions to maintain competitiveness.

8. Laboratory and Experimental Learning:

- **Feedback:** Lab experiments effectively enhance conceptual understanding for courses with practical components.
- **Actionable Suggestions:** Ensure consistency in lab resources and introduce experimental learning in more disciplines.

The laboratory experiments are designed to enhance the understanding of the concepts and promote experimental learning. (For courses with practical)

54 responses



9. Suggestions for Improvement:

- **Key Recommendations:**




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- Include more skill-based and value-added courses (e.g., Python programming, practical accounting).
- Add practical components in traditionally non-practical disciplines like arts.
- Incorporate sustainability and entrepreneurship themes into the syllabus.

10. Indian Knowledge System Courses:

- **Feedback:** Mixed responses; some suggested topics include contributions of Indians to science, ancient entrepreneurship, and organic farming.
- **Actionable Suggestions:** Explore integrating Indian knowledge systems where relevant.

CONCLUSION OF TEACHER FEEDBACK RESPONSES

The curriculum is well-structured and aligns with the expectations of both faculty and students. However, there is scope to enhance it further by incorporating more experiential learning opportunities, skill-based training, and interdisciplinary courses to ensure it remains forward-looking and competitive. Additionally, the new syllabus should offer greater flexibility, allowing students to select their preferred Major and Minor subjects.




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4. FEEDBACK FROM EMPLOYERS

Based on the feedback collected from employers following are the summary of their response:

1. Syllabus Relevance

- The syllabus is viewed as highly or moderately aligned with industry requirements.
- Recommendation: Regular updates to align with evolving industry needs.

2. Graduate Preparedness

- Graduates are seen as either adequately or partially prepared for technical and professional roles.
- Focus Area: Strengthen practical training and role-specific skill-building.

3. Emerging Trends and Technologies

- The curriculum incorporates emerging trends to a fair extent, with some employers fully satisfied.
- Proposal: Include advanced topics and recent innovations to stay competitive.

4. Real-World Problem-Solving

- Mixed feedback: Adequate for some, while others believe it needs improvement.
- Enhancements: Emphasize problem-solving and critical thinking through case studies and real-life applications.

5. Practical Exposure

- Practical exposure is deemed insufficient by many respondents.
- Action Plan: Increase internships, fieldwork, and project opportunities.

6. Interdisciplinary Approaches

- The integration of interdisciplinary methods is perceived as moderate to sufficient.
- Opportunities: Broaden cross-disciplinary collaboration and projects.

7. Communication and Teamwork Skills

- Ratings vary from poor (2) to excellent (5), highlighting inconsistency.
- Improvement Areas: Focus on communication workshops and group-based activities.

8. Skill Gaps

- Key areas include communication, current technological trends, and practical experience.
- Solutions: Regular training in soft skills and keeping up with industry advancements.

9. Value-Added Courses

- Employers unanimously agree that certifications in programming, data analytics, and leadership would enhance employability.
- Suggestion: Introduce specialized certification programs.


10. Overall Recommendations

- Suggestions include hands-on training, industry visits, and more practical exposure.
- Incorporate feedback through curriculum revisions and partnerships with industries.

CONCLUSION OF EMPLOYERS FEEDBACK RESPONSES

The feedback from employers highlights the need for continuous improvement and alignment of the curriculum with industry standards. While the syllabus is moderately relevant and graduates are partially equipped for professional roles, there are clear areas for enhancement. Practical exposure, hands-on training, and integration of emerging technologies are critical to bridge the gap between academia and industry requirements. Communication and teamwork skills also require targeted development to improve graduate employability.




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Employers strongly recommend incorporating value-added certifications, increasing interdisciplinary approaches, and providing more opportunities for real-world application through internships and projects. By addressing these suggestions, the curriculum can better prepare students for the dynamic and competitive demands of the job market, ensuring their success and relevance in the industry.




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CONCLUSION OF CURRICULUM FEEDBACK (2023-24)

The curriculum feedback collected during 2023-24 from students, alumni, teachers, and employers reveals a shared recognition of its strengths and areas for improvement. The curriculum is generally well-structured, effective, and well-received across all stakeholder groups. However, there is a clear need for enhancements to ensure it remains dynamic, future-ready, and aligned with both academic and industry expectations.

Key recommendations include:

- **Modernization and Skill-Based Training:** Incorporating updated content and certifications in emerging fields to meet evolving industry trends.
- **Enhanced Practical Exposure:** Expanding opportunities for internships, projects, and experiential learning to better prepare students for real-world challenges.
- **Multidisciplinary and Interdisciplinary Learning:** Strengthening integration across disciplines to foster innovation and adaptability.
- **Flexibility in Course Selection:** Offering students the ability to choose Major and Minor subjects tailored to their interests and career goals.
- **Focus on Soft Skills:** Addressing gaps in communication, teamwork, and leadership skills to boost employability.

By implementing these suggestions, the curriculum can be enriched to offer a more holistic learning experience, empowering students to excel academically, professionally, and personally in an ever-changing global landscape.

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