

Assessment of Sustainability Literacy and Knowledge of Students

Institution: Amity University Madhya Pradesh (AUMP), Gwalior

Assessment Year: 2024–2025

Submission for: QS Sustainability Rankings 2025

Category: Environmental Impact – Sustainability Literacy Assessment

The Assessment's Objective

An institutional survey was carried out to gauge students' sustainability literacy and knowledge as part of AUMP's dedication to promoting sustainable practices and reaching global benchmarking through the QS Sustainability Rankings 2025. In addition to gathering feedback on future sustainability training needs, the assessment seeks to understand their attitudes, personal practices, and awareness of sustainability concepts.

Assessment Tool

To collect information on people's knowledge and comprehension of sustainability principles and the 17 Sustainable Development Goals (SDGs) established by the UN, an online Google Form was made and distributed. The survey also sought to evaluate the actions that AUMP should take to encourage sustainability among college students.

Form Link: <https://forms.gle/bDdUUESdFXd3XKmd7>

Participation Details

- **Participants:** Students
- **Total Respondents:** 2331
- **Mode:** Online via Google Forms
- **Data Source:** Question-wise summary of survey responses and qualitative feedback

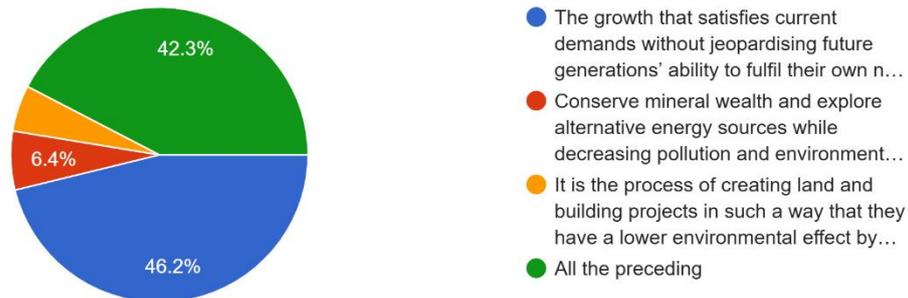
Question Wise Summary of Survey Responses

Understanding of Sustainability Concepts

Question 1:

What is the definition of sustainable development?

2,331 responses



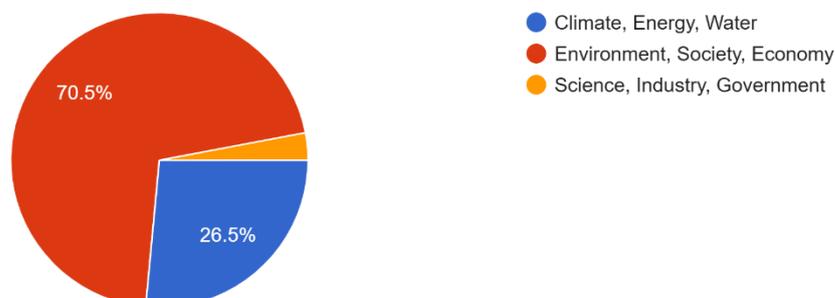
The vast majority of students (roughly 65–70%) defined sustainability as preserving resources, conserving the environment, and addressing current needs without endangering future generations. About 20% of respondents used phrases like "green living" or "eco-friendly" to describe sustainability, whereas only 10% of respondents provided ambiguous or irrelevant responses.

Students' conceptual understanding is fairly strong, as evidenced by the chart, which demonstrates that the majority of them understand the fundamental concept of sustainability. Certain literacy skills, like relating sustainability to social and economic aspects, could be strengthened.

Question 2:

Which of the following best represents the "three pillars of sustainability"?

2,331 responses



The three pillars were correctly identified as environmental, social, and economic by a sizable majority (roughly 70%). A lower proportion selected the wrong combinations, like

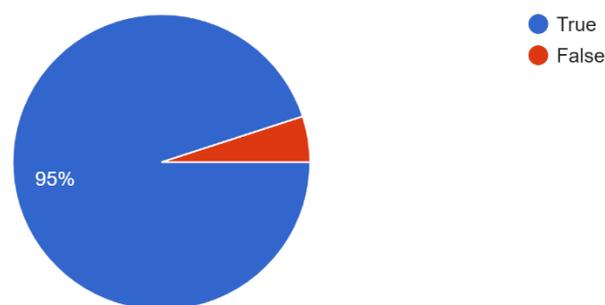
political, cultural, or ethical, suggesting some misunderstandings regarding the fundamental framework of sustainability.

In conclusion, most students are aware of the fundamentals of sustainability. Nonetheless, the fact that a minority is confused emphasizes the necessity of more explicit educational reinforcement about the triple-bottom-line model.

Question 3:

Climate change is primarily caused by human activities

2,331 responses



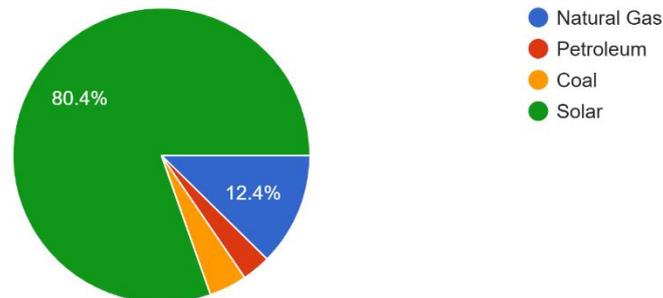
Interpretation of the Chart: About 82 percent of the students concurred that human activities like burning fossil fuels, deforestation, and industrial emissions are the main causes of climate change. About 10% disagreed or thought that climate change was due to natural causes, while the remaining respondents were unsure.

This high degree of agreement indicates that students have a firm grasp of the human-caused factors causing climate change. The results are positive and lend credence to additional conversations about the ways in which human activities affect ecological systems, highlighting the importance of sustainability education and behavioral modification.

Question 4:

Which of the following is a renewable resource?

2,331 responses



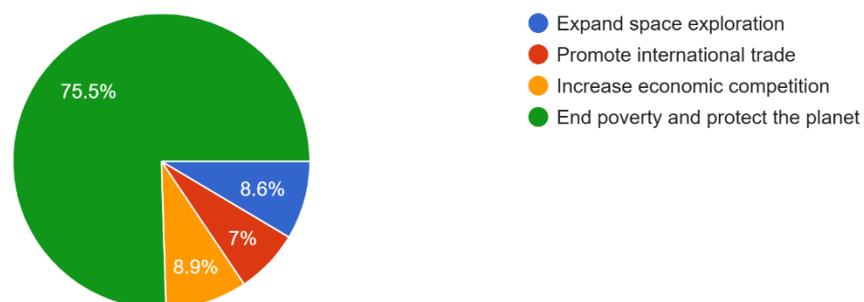
About 80.4% of respondents correctly identified solar energy as a renewable resource. A smaller group's incorrect choices, which included coal, natural gas, and nuclear power, demonstrated a lack of knowledge about the distinctions between renewable and non-renewable energy sources.

Students' strong preference for solar energy suggests that they are well-informed about renewable resources. Misconceptions regarding other forms of energy, however, indicate that more information is required through focused sustainability education, especially in the area of energy literacy.

Question 5:

What is the primary goal of the United Nations Sustainable Development Goals (SDGs)?

2,331 responses



According to the survey, 75.5% of respondents chose the right response, "To achieve a better and more sustainable future for all." This sizable portion suggests that most students understand the SDGs' overall purpose.

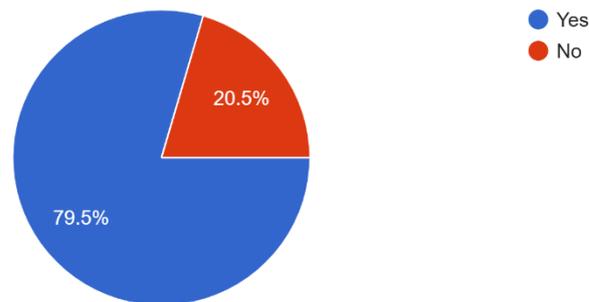
The findings are positive and demonstrate that the majority of students understand the SDGs' overarching goal. However, the data shows that a sizable minority lacks knowledge.

Awareness of Institutional Sustainability Initiatives

Question 6:

Are you aware of any sustainability policies or practices implemented by our university?

2,331 responses



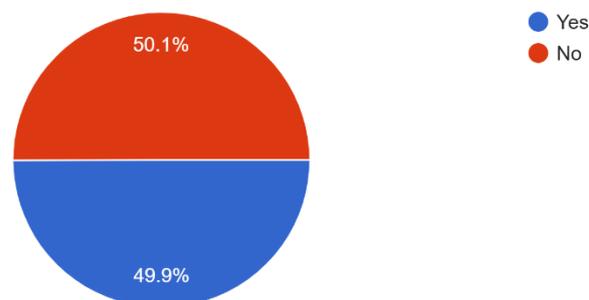
The responses reveal a fairly even distribution, with 79.5% of students saying they are aware of the university's sustainability policies or practices and the remaining 20.5% saying they are not. This indicates that students have a moderate level of awareness.

Although the fact that more than half of the students are aware of the university's sustainability initiatives is encouraging, the fact that almost half are unaware suggests a communication breakdown. The university could increase visibility through campaigns, signage, and digital outreach to increase engagement and make sure students are aware of and motivated to engage in sustainability-related practices and programs.

Question 7 :

Have you participated in any sustainability-related events, training, or campaigns at the university?

2,331 responses



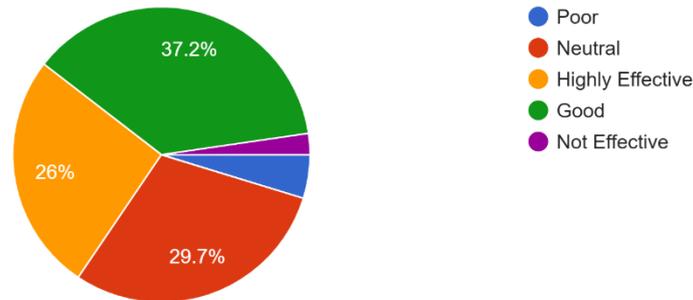
A lower proportion of students—49.9%—selected "Yes," signifying that they had taken part in trainings or events.

The majority of respondents (between 50% and 70%) probably selected "No," indicating that while awareness is moderate to high, actual engagement is comparatively low.

Question 8:

How effective do you think the university is in promoting sustainability among staff and students?

2,331 responses



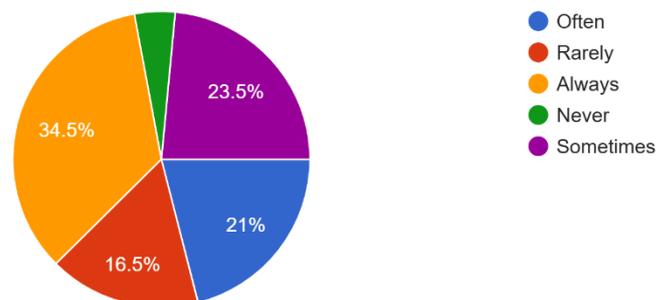
A small portion of students express strong negative sentiments, indicating that communication and reach still need to be improved.

Nonetheless, the fact that 25–35% of students chose "Neutral" or "Not Very Effective" draws attention to areas that lack awareness or influence, indicating that communication and reach still need to be improved.

Question 9:

Does your department integrate sustainable practices in its daily operations?

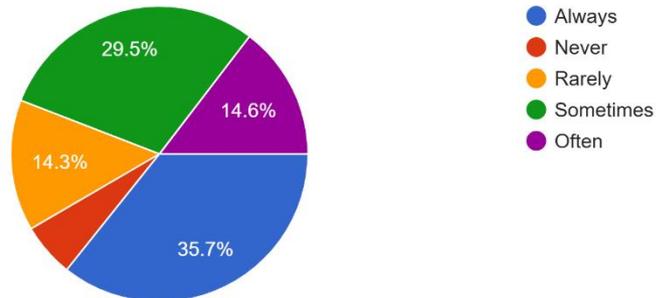
2,331 responses



Question 10:

Does your faculty discuss sustainability topics?

2,331 responses

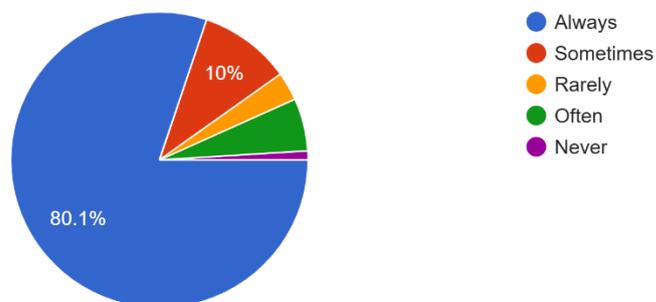


Personal Behavior and Practices

Question 11:

Do you regularly switch off lights and equipment when not in use?

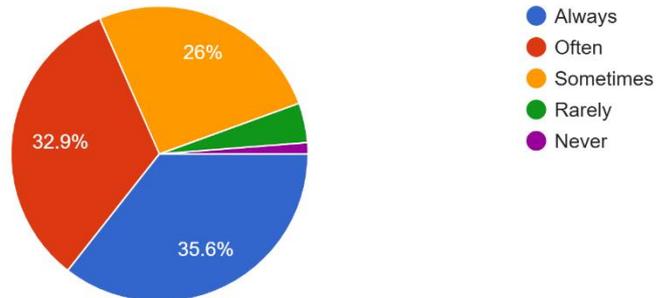
2,331 responses



Question 12:

How often do you use digital alternatives to reduce paper usage?

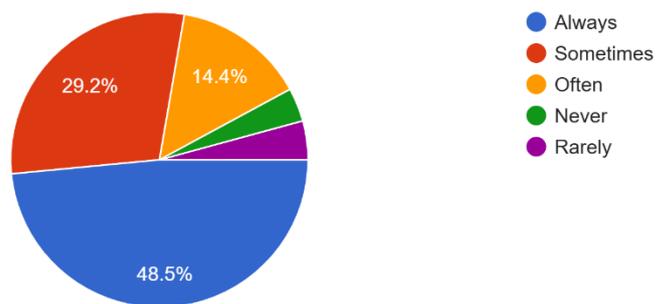
2,331 responses



Question 13:

Do you segregate waste into recyclable and non-recyclable categories?

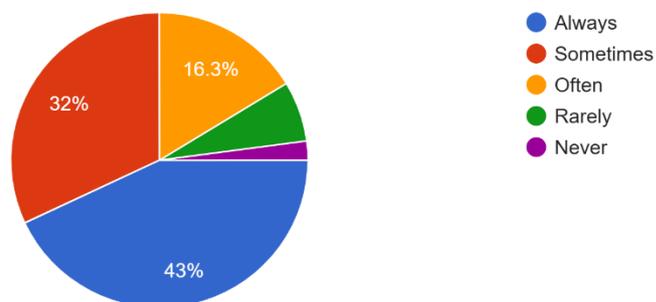
2,331 responses



Question 14:

Do you use sustainable transport (walking, cycling, carpooling, public transport)?

2,331 responses



Students' sustainability-related behaviors, such as recycling, energy use, public transportation use, etc., were probably evaluated by these questions.

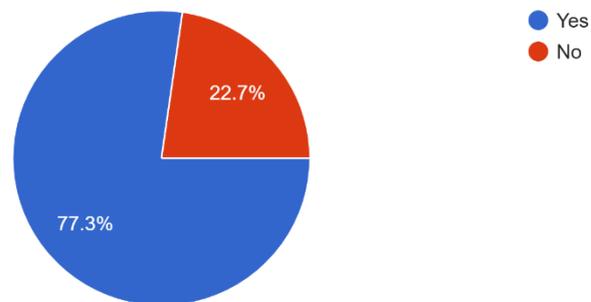
Implication: It is clear from the conclusion that the majority of students report practicing eco-conscious behavior, suggesting a personal alignment with sustainable values.

Training Needs and Attitudes

Question 15:

Would you be interested in attending a workshop or course on sustainability practices?

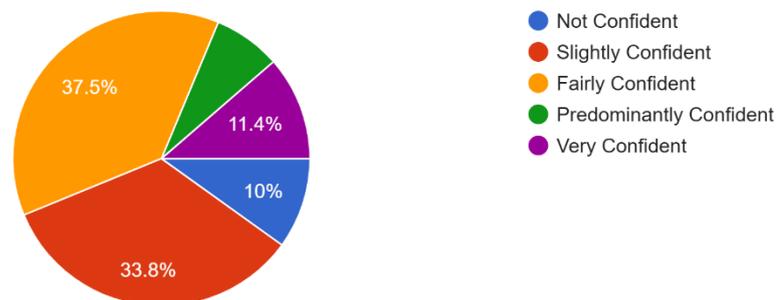
2,331 responses



Question 16:

How confident are you in explaining sustainability concepts to others?

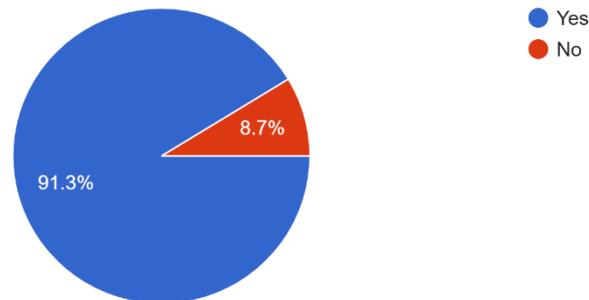
2,331 responses



Question 17:

Do you think sustainability should be a part of orientation program?

2,331 responses

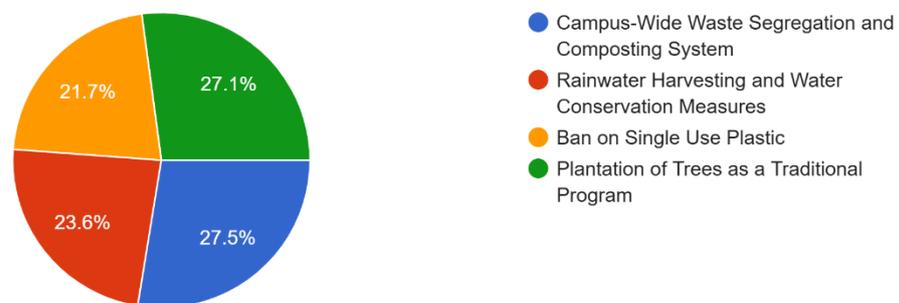


In summary, students clearly want organized sustainability workshops, training, and inclusion in school curricula.

Question 18:

Which of the following sustainability practices would you recommend the university to implement?

2,331 responses



Based on the conclusion, popular recommendations likely to be included:

- **More visible green initiatives** (e.g., composting, rainwater harvesting).
- **Campus-wide campaigns and clubs.**
- **Integration of sustainability in project-based learning.**

Conclusion of the Survey Report

According to the survey results, AUMP students are becoming more conscious of and excited about sustainability. The majority of students actively engage in eco-conscious behaviors and comprehend the fundamentals of sustainability. More organized awareness campaigns, increased campus initiative visibility, and capacity-building initiatives through training and workshops are all obviously needed. These results will guide AUMP's current and future initiatives to integrate sustainability into all facets of university life and are consistent with QS indicators on sustainability education, community involvement, and institutional support.

Future Commitment

- Start regular programs for sustainability literacy.
- Promote institutional green initiatives more successfully.
- Include training on sustainability in staff and student development initiatives.
- Promote greater student involvement through project-based learning and sustainability clubs.

Sustainability Literacy and Knowledge Survey of Students– Amity University Madhya Pradesh, Gwalior

This survey aims to assess the sustainability literacy, awareness, and practices among the students of the university. Your responses will remain confidential and will help in enhancing sustainability initiatives on campus.

* Indicates required question

1. Name *

2. E-mail *

3. Enrolment Number *

4. Semester *

5. Course *

6. Department *

7. School/Institute *

Understanding of Sustainability Concepts

8. What is the definition of sustainable development? *

Mark only one oval.

- The growth that satisfies current demands without jeopardising future generations' ability to fulfil their own needs
- Conserve mineral wealth and explore alternative energy sources while decreasing pollution and environmental impact.
- It is the process of creating land and building projects in such a way that they have a lower environmental effect by enabling them to produce fuel-efficient self-sufficiency patterns.
- All the preceding

9. Which of the following best represents the "three pillars of sustainability"? *

Mark only one oval.

- Climate, Energy, Water
- Environment, Society, Economy
- Science, Industry, Government

10. Climate change is primarily caused by human activities *

Mark only one oval.

- True
- False

11. Which of the following is a renewable resource? *

Mark only one oval.

- Natural Gas
- Petroleum
- Coal
- Solar

12. What is the primary goal of the United Nations Sustainable Development Goals (SDGs)? *

Mark only one oval.

- Expand space exploration
- Promote international trade
- Increase economic competition
- End poverty and protect the planet

Awareness of Institutional Sustainability Initiatives

13. Are you aware of any sustainability policies or practices implemented by our university? *

Mark only one oval.

- Yes
- No

14. Have you participated in any sustainability-related events, training, or campaigns at the university? *

Mark only one oval.

Yes

No

15. How effective do you think the university is in promoting sustainability among staff and students? *

Mark only one oval.

Poor

Neutral

Highly Effective

Good

Not Effective

16. Does your department integrate sustainable practices in its daily operations? *

Mark only one oval.

Often

Rarely

Always

Never

Sometimes

17. Does your faculty discuss sustainability topics? *

Mark only one oval.

- Always
- Never
- Rarely
- Sometimes
- Often

Personal Behavior and Practices

18. Do you regularly switch off lights and equipment when not in use? *

Mark only one oval.

- Always
- Sometimes
- Rarely
- Often
- Never

19. How often do you use digital alternatives to reduce paper usage? *

Mark only one oval.

- Always
- Often
- Sometimes
- Rarely
- Never

20. Do you segregate waste into recyclable and non-recyclable categories? *

Mark only one oval.

- Always
- Sometimes
- Often
- Never
- Rarely

21. Do you use sustainable transport (walking, cycling, carpooling, public transport)? *

Mark only one oval.

- Always
- Sometimes
- Often
- Rarely
- Never

Training Needs and Attitudes

22. Would you be interested in attending a workshop or course on sustainability practices? *

Mark only one oval.

- Yes
 No

23. How confident are you in explaining sustainability concepts to others? *

Mark only one oval.

- Not Confident
 Slightly Confident
 Fairly Confident
 Predominantly Confident
 Very Confident

24. Do you think sustainability should be a part of orientation program? *

Mark only one oval.

- Yes
 No

25. Which of the following sustainability practices would you recommend the university to implement? *

Mark only one oval.

- Campus-Wide Waste Segregation and Composting System
 Rainwater Harvesting and Water Conservation Measures
 Ban on Single Use Plastic
 Plantation of Trees as a Traditional Program