

Sustainability Awareness Quiz Findings (2025)

Office of Planning and Quality

Data Collected: Feb 2025

Last Updated: Feb 18, 2025



Introduction & Questionnaire

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Introduction

❑ Objective:

This quiz is designed to assess the targeted population's understanding of the key concepts and practices related to creating a more sustainable future.

❑ Targeted Population:

KFUPM Faculty, Staff, and Students.

❑ Method:

An email campaign is utilized annually in March to launch this quiz.

❑ Questions:

The quiz questions revolve around 4 main categories:

General
Considerations

Social Aspects

Economic
Factors

Environmental
Impact

❑ Calculation Method for Awareness:

For the general, social, and economic categories, full awareness requires **all** questions to be answered correctly. However, in the Environmental category, achieving awareness necessitates requiring correctly answering at least **75%** of the questions.

Questionnaire

General

Q1. The UN Sustainable Development Goals (SDGs) aim to end poverty, protect the planet, and ensure prosperity for everyone. How many SDGs are there? (17, 5, 10)

Q2. What are the pillars of sustainability? (Social sustainability, Economic sustainability, Environmental sustainability, All of the above)

Social

Q9. What do you think hiring should be based on? (Gender, Background, Qualifications)

Q15. Which of the following can be considered as community service? (Beneficial knowledge sharing, Donating basic essentials to people in need, Give access to education for all children, All of the above)

Economic

Q7. What is a circular economy? (A model of production and consumption, which involves sharing, leasing, reusing, repairing, refurbishing, and recycling existing materials and products as long as possible, Giving loans to others with an interest rate, Having a mutual fund account)

Q8. Do you think investing in multiple economies is sustainable? (Yes, No)

Q14. Which of the following items can be recycled or reused? (Plastic, Paper, Glass, Aluminum cans, All of the above)

Environmental

Q3. By what year does Saudi Arabia aim to be carbon neutral? (2030, 2045, 2060)

Q4. What is renewable energy? (Energy derived from natural sources that are replenished at a higher rate than they are consumed, Energy that will run out during our lifetime, Energy that exists in a fixed amount on earth)

Q5. Which of these is a renewable resource? (Gas, Oil, Wind)

Q6. Which of these is a non-renewable resource? (Sun, Wind energy, Coal)

Q10. Which of the following lowers your carbon footprint? (Riding a bike to college, Driving a car to the shops, Taking a plane to Spain)

Q11. Which of the following is not an efficient use of energy? (Turning the TV off, Using low-energy lightbulbs, Boiling a full kettle for one cup of tea)

Q12. Which one of the following is environmentally friendly? (Making sure as much waste goes to landfill, Buying a lot of cheap clothes often, Sorting items into separate recycling bins)

Q13. Which of the following uses the least amount of water? (Taking a bath after 6 pm, Showering for 5 minutes in a normal shower, Showering for 10 minutes in a power shower)

Q16. Are you aware of the KFUPM mental health initiative (IRSHAD)? (Yes, No)

Q17. Which initiatives/campaigns related to sustainability; do you want to see being introduced at KFUPM?

Findings

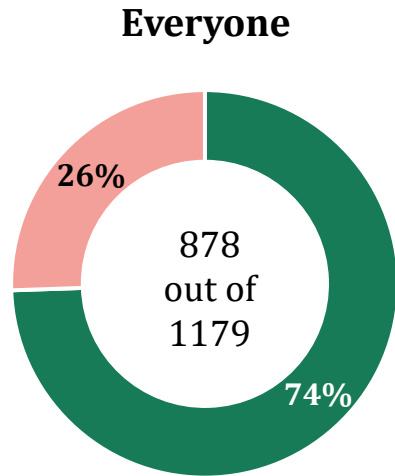
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Summary of Findings

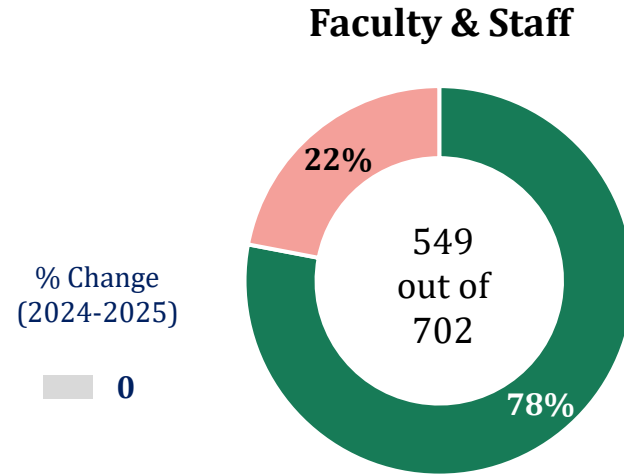
- The quiz measured sustainability awareness among KFUPM faculty, staff, and students.
- Awareness levels increased across all categories in 2025.
- Social awareness showed the highest growth (+3%).
- Economic awareness remained stable.
- Environmental awareness continues to be the highest (94%), reflecting the success of campus initiatives.

Overall Quiz Distribution: General, Social, Economic & Environmental

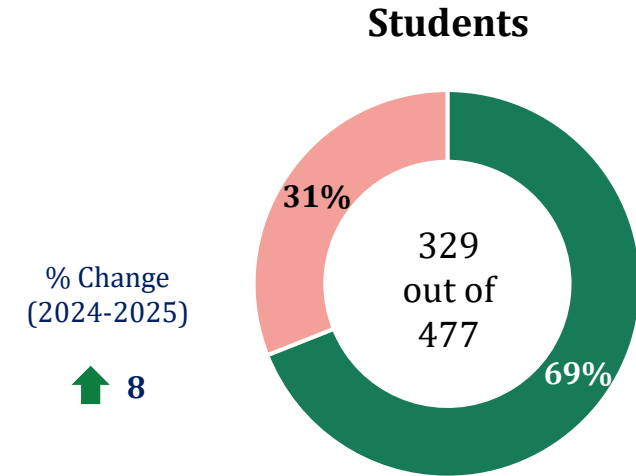
Awareness (2025)



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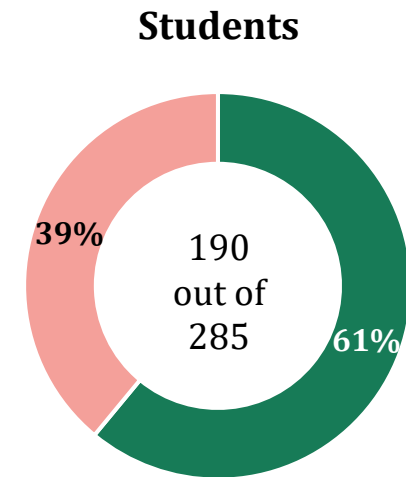
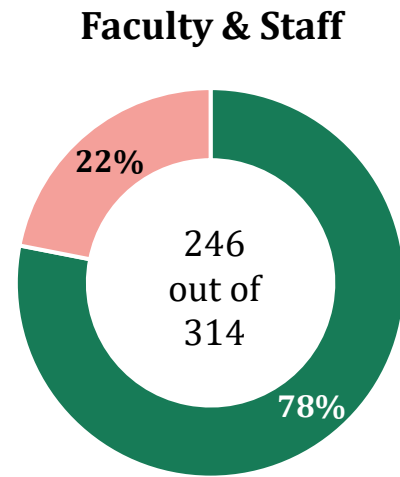
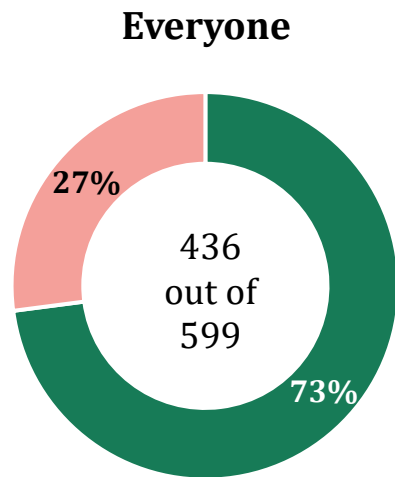


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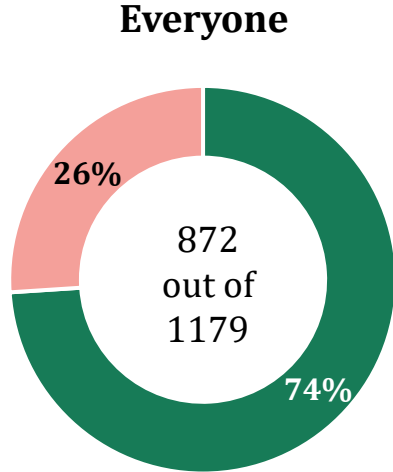
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Awareness (2024)



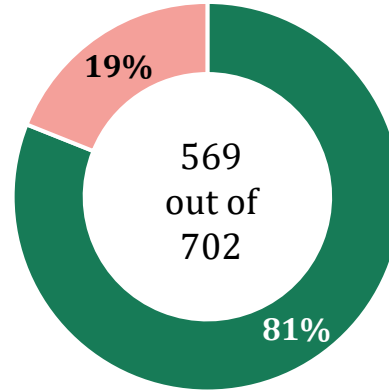
General Questions Results

Awareness (2025)



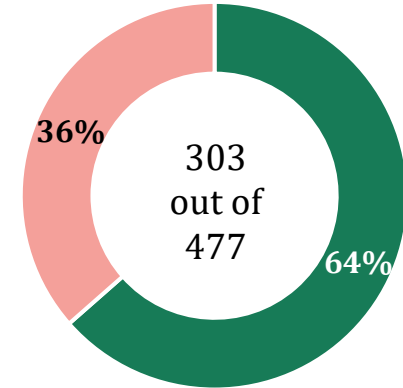
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Faculty & Staff



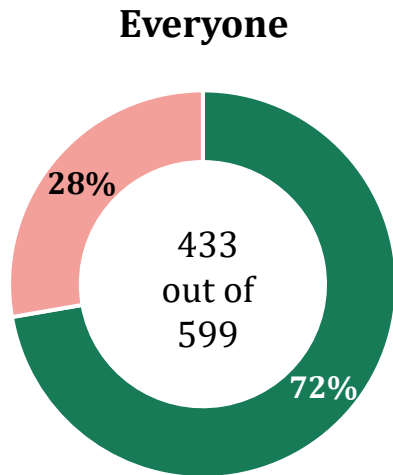
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Students

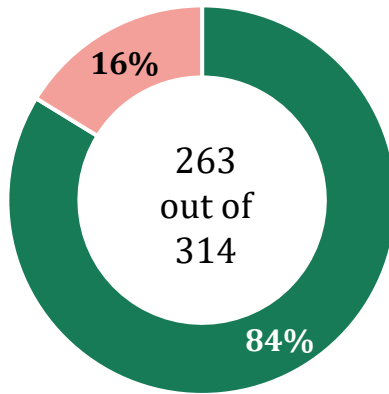


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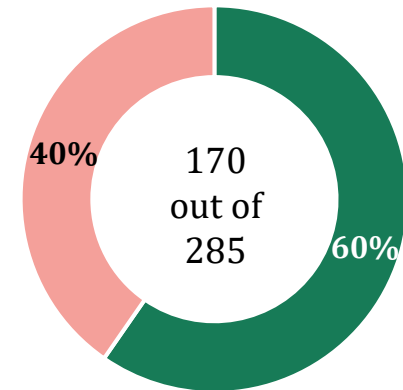
Awareness (2024)



Faculty & Staff

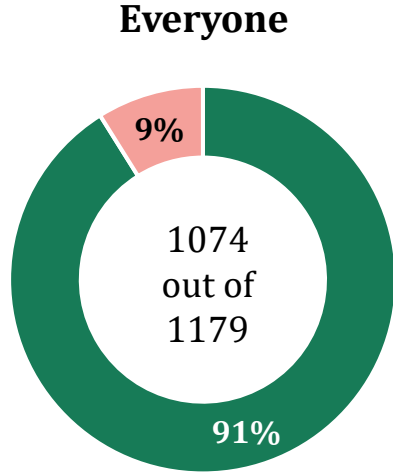


Students



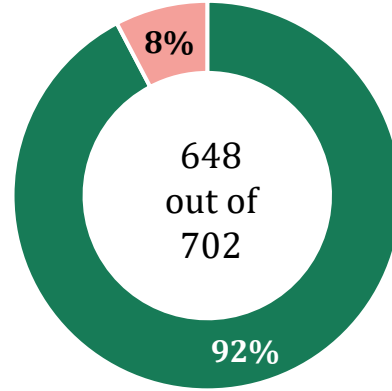
Social Questions Results

Awareness (2025)



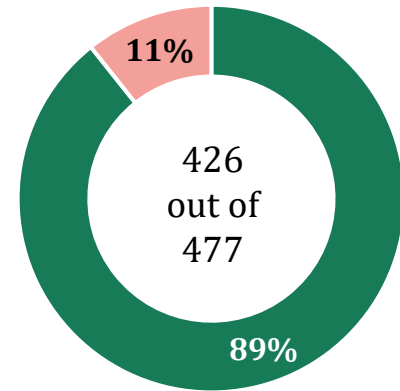
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Faculty & Staff



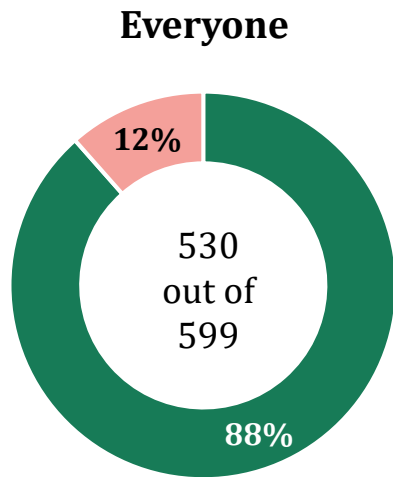
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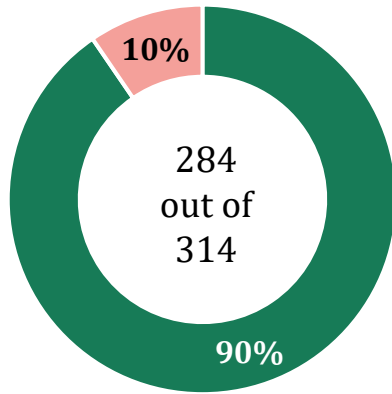


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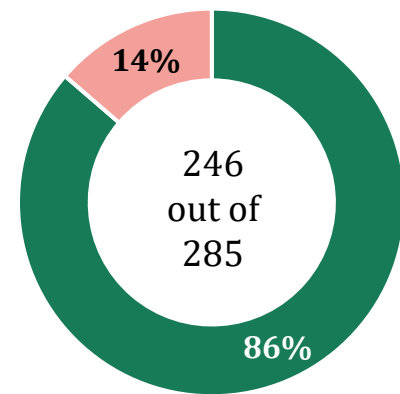
Awareness (2024)



Faculty & Staff

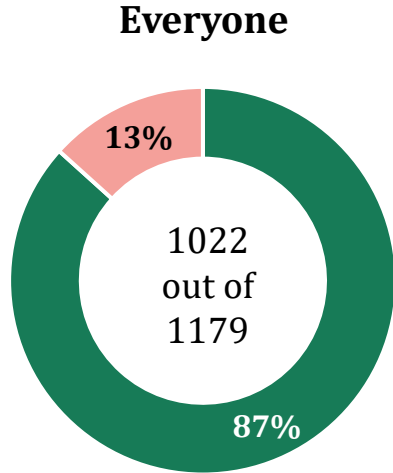


Students

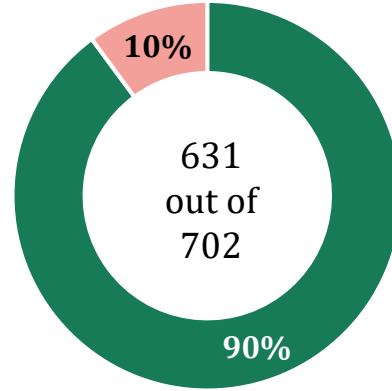


Economic Questions Results

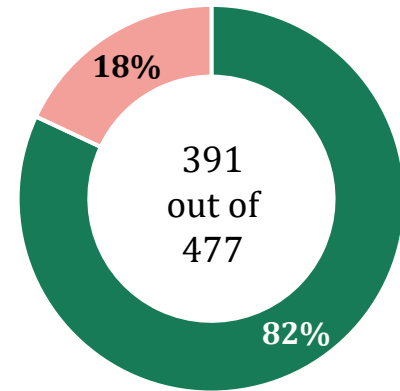
**Awareness
(2025)**



Faculty & Staff



Students

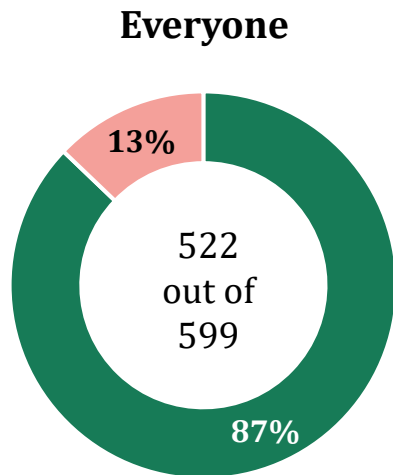


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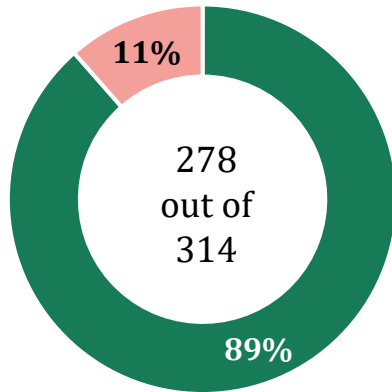
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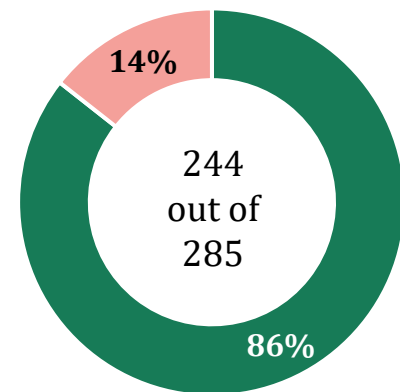
**Awareness
(2024)**



Faculty & Staff

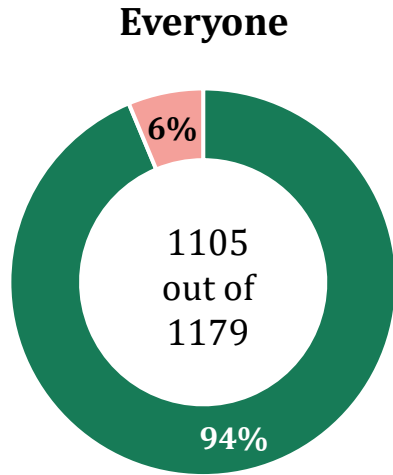


Students



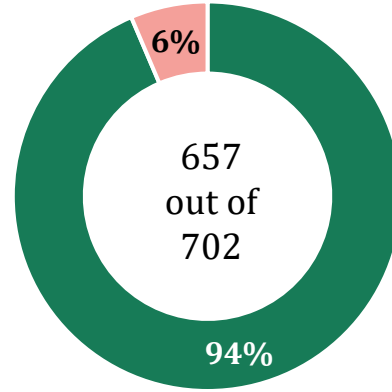
Environmental Questions Results

Awareness (2025)



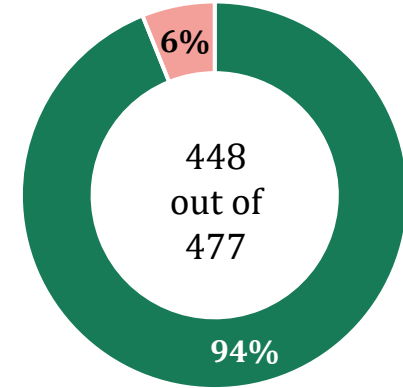
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Faculty & Staff



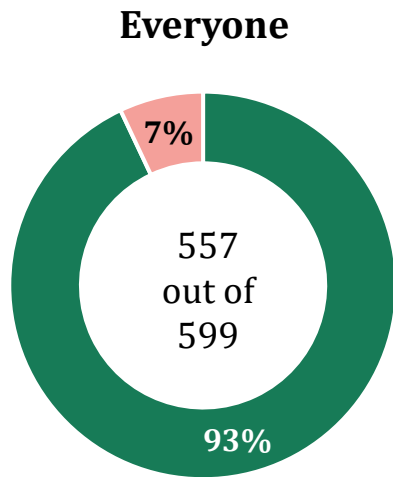
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Students

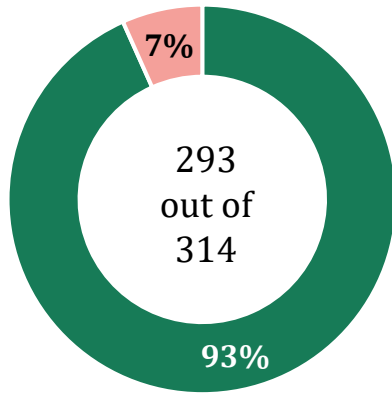


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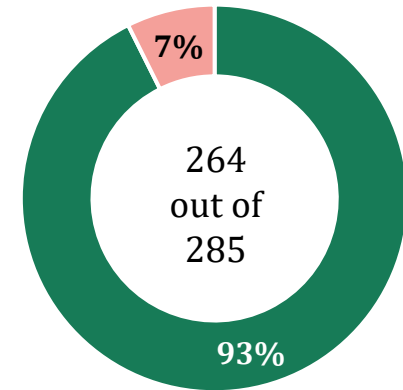
Awareness (2024)



Faculty & Staff



Students



Open-Ended Response

3

Sustainability Initiatives – Open Responses Summary

- **Zero-Waste & Smart Waste Management:** Implement comprehensive recycling and composting programs, reduce single-use plastics, encourage reusable alternatives, install clearly labeled recycling bins in all buildings, and launch waste sorting and recycling incentive programs.
- **Energy-Efficient & Green Buildings:** Upgrade AC systems with smart automation, install motion-sensor lighting, conduct energy audits, ensure all new buildings meet LEED or green building standards, and retrofit existing buildings with insulation and energy-efficient materials.
- **Renewable Energy Integration:** Install solar panels on rooftops, parking areas, and walkways while exploring wind energy solutions in suitable locations.
- **Water Conservation Efforts:** Install water refill stations and smart irrigation systems while implementing rainwater harvesting and greywater recycling.

- **Sustainable & Public Transportation:** Introduce bike lanes, bike-sharing programs, and electric scooters, launch electric shuttle buses and a carpooling app, and expand eco-friendly bus services for students and staff.
- **Eco-Friendly Campus Infrastructure:** Provide shaded walkways and bike paths to encourage walking while fixing parking areas to prevent unnecessary car washing and water waste.
- **Green Spaces & Urban Farming:** Expand tree-planting campaigns and urban farming initiatives while promoting rooftop gardens, living walls, and community gardens.
- **Sustainable Dining & Food Waste Reduction:** Reduce food waste, implement food donation programs, and encourage plant-based meals and reusable food containers.

- **Paperless & Digital Transformation:** Promote digital communication, e-books, and online exams while reducing printing and paper use in offices and classrooms.
- **Sustainability Awareness, Research & Innovation:** Introduce sustainability certification programs, host workshops, TED-style talks, and sustainability hackathons, establish a Sustainability Research Center at KFUPM, and fund student-led green technology projects.
- **Zero Carbon Emissions Goal:** Aim for net-zero carbon emissions by 2040 and offset emissions with tree-planting and carbon capture projects.
- **Sustainable Procurement & Resource Management:** Follow eco-friendly purchasing guidelines and optimize inventory tracking to reduce unnecessary waste.

- **Community Engagement & Volunteerism:** Organize campus clean-up drives and launch student-led sustainability ambassador programs.
- **Sustainability Competitions & Incentives:** Organize recycling and energy-saving challenges while offering discounts for sustainable behaviors, such as reusable cups.
- **Mental Health & Well-Being Initiatives:** Conduct mental health seminars and support programs while promoting stress-free green spaces for relaxation.