SUSTAINABLE DEVELOPMENT GOAL 4

4 Quality Education

Overview and Institutional Commitment

Education remains the University's core mission. Ziauddin University offers undergraduate, postgraduate and doctoral programmes across medicine, dentistry, pharmacy, nursing, allied health sciences, medical laboratory technology, biomedical engineering, rehabilitation sciences, business administration, law, liberal arts and human sciences, media sciences, and information technology and emerging technologies.

Education for Sustainable Development (ESD) is embedded within the University's academic philosophy, equipping graduates with interdisciplinary knowledge, ethical awareness, critical thinking and professional competencies.

Key Contributions and Initiatives

Curriculum Integration and ESD

- Sustainability concepts incorporated into undergraduate, postgraduate and doctoral programmes through curriculum review.
- Curriculum themes include sustainable healthcare and public health, environmental health, medical ethics, health-systems strengthening, disaster preparedness, sustainable business and entrepreneurship, engineering for sustainable development, and media for social impact.
- Curriculum review committees periodically assess learning outcomes against emerging sustainability priorities.

Teaching, Learning and Experiential Education

- Problem-based, case-based and team-based learning; clinical simulation; laboratory instruction; field visits and research-led teaching.
- Clinical rotations, teaching hospitals, community placements and community health programmes.
- Student engagement through awareness campaigns, tree plantation, volunteer services, student research and student societies.

MoU with Grow Safe

Ziauddin University continues to strengthen partnerships by signing valuable MOUs with esteemed organisations for student growth and development. Here's a glimpse of another milestone: the Grow Safe MoU signing.



MoU between Ziauddin University & PCSIR

Ziauddin University signed a Memorandum of Understanding (MoU) with the Pakistan Council of Scientific & Industrial Research (PCSIR) to strengthen collaboration in research, innovation, and academic excellence.

Together, this partnership will open doors to knowledge sharing, joint research, and meaningful learning experiences, creating greater opportunities for students, faculty, and the scientific community.







Digital Learning and Faculty Development

- Learning management systems, virtual classrooms, digital assessments, electronic academic records and hybrid teaching.
- Faculty workshops, curriculum design training, research-methodology programmes and digital pedagogy training.

Lifelong Learning

- Continuing professional education, short courses and certificate programmes.
- Professional development workshops, conferences, seminars, public lectures and online learning.

Access, Student Success and Quality Assurance

- Scholarships and financial assistance that widen access to education (see SDG 1).
- Academic advising, counselling, career guidance and leadership development.
- QEC-coordinated programme review, curriculum review, student feedback, faculty evaluation, learning-outcome assessment and external accreditation.

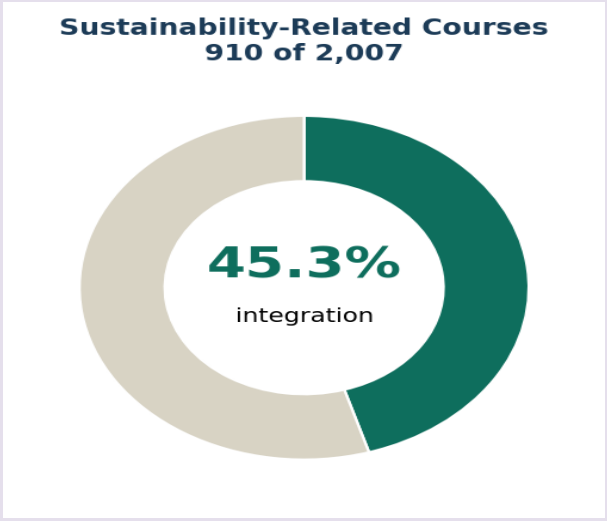
Indicators Monitored

The University monitors the following indicators relevant to this goal:

Indicator	Reporting Frequency
Total academic programmes	**Annual**
Sustainability-related courses	Annual
Student enrolment	Annual
Graduation rates	Annual
Faculty development programmes	Annual
Student engagement activities	Annual
Community-based learning initiatives	Annual
Digital learning implementation	Annual

Evidence, Case Studies and Verified Sources





Sustainability-related courses as a share of total courses offered

CASE STUDY — VERIFIED SOURCE: DCE Sustainability Report 2025

The Department of Civil Engineering (DCE) maintains its own annual sustainability report mapping workshops, field visits, seminars, competitions and MoUs to specific SDGs. Across the 2024–2025 reporting year, DCE activities were most strongly aligned with SDG 9 (16.9% of tagged activities), SDG 11 (14.5%) and SDG 4 (14.5%), followed by SDG 17, SDG 13 and SDG 12.

- **Survey Camp 2025** (November 2025): field training in land surveying and instrumentation for about 50 students.
- **Industry MoUs** with Grow Safe (Private) Limited (9 January 2025) and Osmani & Company (Pvt.) Ltd. (22 July 2024), covering HSE practice, internship and placement pathways, and joint research and training (SDG 4, 8, 9, 11, 13, 17).
- **Contract research** between Management and Development Centre (Pvt.) Ltd and the College of Education (PKR 420,000) supports capacity building for the Sindh Teacher Education Development Authority (STEDA) and the Provincial Institute of Teacher Education (PITE).

Future Priorities (2026–2030)

Priorities identified in the Sustainability Report 2025–2026 that advance this goal:

- Expand sustainability-related curriculum content.
- Increase interdisciplinary academic programmes.
- Strengthen Education for Sustainable Development across all faculties.
- Enhance experiential learning opportunities.
- Improve digital learning infrastructure.
- Support faculty capacity building.
- Promote student leadership in sustainability initiatives.
- Strengthen community-engaged learning.

Impact Assessment and Conclusion

Quality education is the foundation of the University's sustainability agenda. With 910 of 2,007 courses addressing sustainability themes, the University has mainstreamed sustainability across diverse disciplines, supporting the Very High impact level assigned to SDG 4.

Important Links:

https://zu.edu.pk/mou-with-grow-safe/

https://zu.edu.pk/mou-between-ziauddin-university-pcsir/