



**Al Taff University College**  
HOLY KARBALA · REPUBLIC OF IRAQ



ANNUAL SUSTAINABILITY REPORT

# Sustainability Report 2024

Environmental · Social · Governance (ESG) performance of Al Taff University College, aligned with the UI GreenMetric World University Rankings and the UN Sustainable Development Goals.



**Reporting period:** Academic Year 2023/2024

**Frameworks:** UI GreenMetric · UN SDGs · THE / QS Sustainability

**Web:** [altuff.edu.iq/english/sustainability](http://altuff.edu.iq/english/sustainability)

# 2024

Sustainability Report 2024 — Retrospective Edition.

Published by Al Taff University College, Holy Karbala, Republic of Iraq, documenting the institution's environmental, social, and governance performance for the 2023/2024 academic year.

Structural and physical campus parameters are carried from verified institutional records. Year-specific performance indicators are reported where records are available; remaining indicators are marked for completion. No data is fabricated or back-filled from other years.

© 2024 Al Taff University College. All rights reserved.

### Official channels

Website — [altuff.edu.iq](http://altuff.edu.iq)

Sustainability portal —

[altuff.edu.iq/english/sustainability](http://altuff.edu.iq/english/sustainability)

Statistics — [altuff.edu.iq/english/statistics](http://altuff.edu.iq/english/statistics)



Scan to visit the Sustainability portal



Al Taff University College · UI GreenMetric World  
University Rankings

# Table of Contents

---

<b>01</b>	<b>President's Message</b>	p. 4
<b>02</b>	<b>About AI Taff University College</b>	p. 5
<b>03</b>	<b>Academic Departments</b>	p. 6
<b>04</b>	<b>Sustainability Governance</b>	p. 7
<b>05</b>	<b>Sustainability Strategy</b>	p. 8
<b>06</b>	<b>UN Sustainable Development Goals</b>	p. 9
<b>07</b>	<b>Setting &amp; Infrastructure</b>	p. 10
<b>08</b>	<b>Energy &amp; Climate Change</b>	p. 11
<b>09</b>	<b>Water Management</b>	p. 12
<b>10</b>	<b>Waste Management</b>	p. 13
<b>11</b>	<b>Transportation</b>	p. 14
<b>12</b>	<b>Education &amp; Research</b>	p. 15
<b>13</b>	<b>Community &amp; Student Engagement</b>	p. 16
<b>14</b>	<b>Innovation &amp; Digitalization</b>	p. 17
<b>15</b>	<b>Performance Dashboard</b>	p. 18
<b>16</b>	<b>UI GreenMetric Performance</b>	p. 19
<b>17</b>	<b>Future Targets</b>	p. 20
<b>18</b>	<b>Evidence Repository</b>	p. 21

---

## President's Message



Prof. Dr. Karim Mizal Al-Saadi · Dean of Al Taff University College

In the name of Allah, the Most Gracious, the Most Merciful.

My dear students and colleagues from the teaching and administrative staff, I am pleased to welcome you to our prestigious college, which always strives to achieve academic and research excellence, and to provide an educational environment that supports creativity and innovation.

We believe that education is the cornerstone of building a developed and prosperous society, and we work hard to prepare a generation of graduates qualified with the knowledge and skills necessary to keep pace with the requirements of the labor market and serve our dear homeland.

I invite you all to take advantage of the available opportunities, actively participate in scientific and cultural activities, and contribute to raising the name of our college high. May Allah guide us to what is good and successful.

**Prof. Dr. Karim Mizal Al-Saadi**  
College Dean

## About Al Taff University College

A community-serving higher-education institution in Holy Karbala (established 2014), delivering professional programmes on a campus designed for openness and low environmental impact.

### Vision

To be a leading university in higher education and scientific research, committed to excellence and innovation, contributing to building a developed knowledge society that serves the needs of the nation and keeps pace with global developments.

### Mission

To provide a distinguished educational environment that supports creativity and innovation, enhances scientific research, and prepares qualified graduates with the knowledge and skills necessary to serve society and contribute to its development, while adhering to moral values and social responsibility.

**6**

ACADEMIC DEPARTMENTS

**311**

GRADUATES (2023/2024)

**22,163<sup>m<sup>2</sup></sup>**

CAMPUS AREA

**60276148**

SCOPUS AFFILIATION ID

Campus area and Scopus affiliation are structural constants. Population, faculty, and department count are reported for 2024.

# 03

## ACADEMIC STRUCTURE

# Academic Departments

In 2024, Al Taff University College comprised **6 academic departments**, reflecting the College's growth from its founding faculties.

**01 Computer Technology Engineering**

**02 Anesthesia & Intensive Care Techniques**

**03 Business Administration**

**04 Islamic Education & Quranic Sciences**

**05 Medical Physics**

**06 Law**



Faculty and staff of Al Taff University College

Six departments confirmed from the College's official records (Medical Physics and Law added by 2024).

Sustainability is managed through a documented policy framework, a coordinating function, and a dedicated operational budget.

## Policy Framework

- Climate Action & Sustainability Policy
- Energy Efficiency & Sustainable Building Policy
- Water Conservation & Management Policy
- Sustainable Procurement Policy
- Sustainable Transport & Communication Policy
- Equality, Diversity & Inclusion Policy
- Sustainable Investment Policy

Confirm which policies were formally in force in 2024.

## Governance Mechanisms

- Coordinating sustainability function across departments.
- Quality Assurance Department enforcing operational protocols.
- Dedicated annual sustainability operational budget.
- Anti-corruption, integrity & whistleblowing mechanisms; code of ethics.

# Sustainability Strategy

The strategy connects three frameworks — ESG, the UN SDGs, and UI GreenMetric — into one measurable agenda, within the College’s Strategic Plan.

## ESG Lens

- **Environmental:** low-density green campus, water treatment & recycling, 3R waste, energy efficiency.
- **Social:** community health campaigns, inclusive access, student volunteering.
- **Governance:** documented policies, ethics, transparency, dedicated budget.

## Operating Principles

- Report only what can be verified from 2024 records.
- Embed sustainability across all departments.
- Prefer measurable indicators and year-on-year comparability.

## Seven Dimensions — 2024

Code	Dimension	2024 Status
SI	Setting & Infrastructure	84.7% open space
EC	Energy & Climate Change	3% electricity ↓
WS	Waste	3R program
WR	Water	RO treatment
TR	Transportation	Pedestrian-oriented
ED	Education & Research	116 / 75 courses
GD	Governance & Digitalization	Policy framework

# UN Sustainable Development Goals

The College's sustainability work maps onto twelve of the seventeen UN SDGs. 2024-specific figures are completed per indicator chapter.

3

**Good Health**

On-campus medical unit; health campaigns.

4

**Quality Education**

Sustainability embedded across departments.

5

**Gender Equality**

Participation in institutional leadership.

6

**Clean Water**

RO treatment & greywater recycling.

7

**Clean Energy**

On-site solar lighting; efficiency.

11

**Sustainable Cities**

84.7% open space; pedestrian campus.

12

**Responsible Consumption**

3R program; procurement.

13

**Climate Action**

Emission-reduction; low-vehicle campus.

15

**Life on Land**

Native species; tree-planting.

16

**Strong Institutions**

Ethics; anti-corruption.

17

**Partnerships**

Community & civic outreach.

9

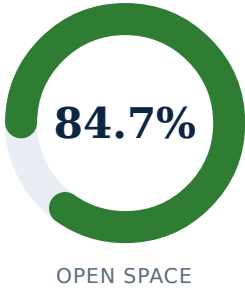
**Industry & Innovation**

Digital transformation.

# Setting & Infrastructure

SI · SETTING & INFRASTRUCTURE

A low-density campus: of 22,163.38 m<sup>2</sup> total area, only 3,395.26 m<sup>2</sup> is built — 84.7% open, green space.



Parameter	Value (m <sup>2</sup> )
Total campus area	22,163.38
Building footprint	3,395.26
Open (non-built) space	18,767.12
Open-space ratio	84.7%

### Biodiversity

Native, drought-resistant landscaping and tree-planting enhance green cover; a campus greenhouse supports local species.

### Health Infrastructure

On-campus Medical Unit: first aid and routine screenings, with preventative health campaigns.



Campus tree-planting campaign — advancing green cover and biodiversity

## EC · ENERGY &amp; CLIMATE CHANGE

Energy use is managed through protocol-driven efficiency and early on-site renewables.

3%

ELECTRICITY REDUCTION

Solar

OFF-GRID LIGHTING

## 2024 Measures

- Energy-Saving Protocol enforced by Quality Assurance.
- Energy-efficient appliances and smart-building measures.
- Off-grid solar lighting for parking and gardens.

## Operational Context (IQD)

Annual budget line	IQD
Electricity & water	138,589,000
Fuel & oils	16,500,000

## WR · WATER

On-site treatment and recycling reduce reliance on municipal supply and bottled water.

**RO**

ON-SITE TREATMENT

**Greywater**

RECYCLED TO IRRIGATION

**84.7%**

PERMEABLE GROUND

**SDG 6**

CLEAN WATER

**Treatment & Supply**

RO units supply treated water for drinking and laboratory use via dedicated dispensing points.

**Recycling & Reuse**

RO reject-water recovery and greywater reuse for landscape irrigation, lowering municipal demand.

## WS · WASTE

A campus-wide Reduce-Reuse-Recycle hierarchy with source separation.

**3R**

REDUCE · REUSE · RECYCLE

**Sorted**

COLOUR-CODED BINS

**Digital**

PAPERLESS ADMIN

**Recyclers**

MUNICIPAL &amp; PRIVATE

**Operating Model**

- Colour-coded sorting bins across buildings.
- Recyclables to municipal and private recyclers.
- Reduction via digitalisation and reuse.

**2024 Quantities**

11

OPERATIONAL PERFORMANCE

# Transportation

---

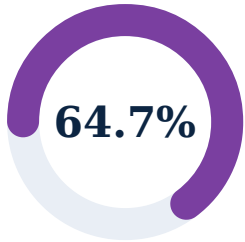
TR · TRANSPORTATION

A pedestrian-oriented campus relying on the public transport network serving Holy Karbala.

Anchored in the Sustainable Transport & Communication Policy.

## ED · EDUCATION &amp; RESEARCH

Sustainability is embedded across the College's departments; research is indexed under Scopus (60276148).



COURSES INTEGRATED

Indicator	Value
Total courses offered	116
Sustainability-related courses	75
Integration rate	64.7%

311

GRADUATES (2023/2024)



Scopus institutional profile

# 13

## SOCIAL PERFORMANCE

# Community & Student Engagement

Student-led and institutional activities connect the College to the health, environmental, and civic life of Holy Karbala.

37

SUSTAINABILITY EVENTS

SDG 3·4·11·17

GOALS ADVANCED

37 environment- and sustainability-related events were documented in 2024, spanning tree-planting, health-awareness campaigns, charitable bazaars, and cultural forums.



# Innovation & Digitalization

## GD · GOVERNANCE & DIGITALIZATION

Digital transformation reduces paper use and improves transparency.

### ICT

DATA SECURITY &  
INFRASTRUCTURE

### Paperless

DIGITAL ADMINISTRATION

### LMS

DIGITAL LITERACY

### Strategy

STRATEGIC PLAN

#### Digital Practice

- ICT policy focused on data security and core infrastructure.
- Digitalised administrative processes reducing paper.
- LMS-enabled digital-literacy provision.

#### Integrity Note

Include campus-startup or revenue claims only if supported by genuine, verifiable 2024 registration and financial records.

## Performance Dashboard

Consolidated 2024 indicators. "—" marks fields to complete from 2024 institutional records.

Indicator	2024
Open-space ratio (structural)	84.7%
Graduates (2023/2024)	311
Academic departments	6
Sustainability events	37
Electricity reduction	3%
Total courses	116
Sustainability courses	75
Renewable energy share	—
Sustainability publications	—
Vehicle-to-population ratio	—
Annual sustainability budget	—

Verified year-specific data shown; dashes mark indicators awaiting 2024 records — intentionally not back-filled.

## UI GreenMetric Performance

Category scores are released by the ranking body. The College does not self-assign scores.

Category	Key 2024 evidence	Score
Setting & Infrastructure	84.7% open space; biodiversity	— *
Energy & Climate	3% electricity ↓	— *
Waste	Campus-wide 3R	— *
Water	RO treatment; recycling	— *
Transportation	Pedestrian-oriented	— *
Education & Research	116 / 75 courses	— *
Governance	Policy framework	— *

\* Official UI GreenMetric scores are released by the ranking organisation following assessment.

## Future Targets 2025-2029

Directions set at the close of 2024, extending practice already underway.

### Expand on-site renewables

Grow solar generation toward a higher share of campus power.

### Strengthen waste data

Introduce quantified diversion rates and tonnage tracking.

### Deepen curriculum integration

Increase sustainability-linked courses across departments.

### Broaden research output

Grow sustainability publications and dedicated funding.

### Smart water reuse

Extend greywater reuse and efficient irrigation.

### Advance digital governance

Progress responsible adoption of advanced digital technologies.

### Inclusive governance

Widen participation in institutional leadership on a merit basis.

### Carbon trajectory

Establish a campus carbon baseline and reduction pathway.

Public evidence base for verification. Insert 2024-specific evidence links (news, activities) where available.

Evidence	URL
Sustainability portal	<a href="https://altuff.edu.iq/english/sustainability">https://altuff.edu.iq/english/sustainability</a>
Environment & operations	<a href="https://altuff.edu.iq/english/sustainability/environment">https://altuff.edu.iq/english/sustainability/environment</a>
Sustainability policies	<a href="https://altuff.edu.iq/english/sustainability/policies">https://altuff.edu.iq/english/sustainability/policies</a>
Sustainability activities	<a href="https://altuff.edu.iq/english/sustainability/activities">https://altuff.edu.iq/english/sustainability/activities</a>
Reports archive	<a href="https://altuff.edu.iq/english/sustainability/sustainability-reports">https://altuff.edu.iq/english/sustainability/sustainability-reports</a>
Institutional statistics	<a href="https://altuff.edu.iq/english/statistics">https://altuff.edu.iq/english/statistics</a>
Official Facebook	<a href="https://www.facebook.com/altaf.univer/">https://www.facebook.com/altaf.univer/</a>
Scopus profile	<a href="https://www.scopus.com/pages/organization/60276148">https://www.scopus.com/pages/organization/60276148</a>

### Quick-Verify QR Codes



Sustainability portal



Environment & operations



Sustainability policies



Sustainability activities



Reports archive



Institutional statistics



Official Facebook



Scopus profile