



Deraya
UNIVERSITY

Entrepreneurship and Sustainability
Research Center
(ESRC)

Deraya
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Deraya University Sustainability Report 2026



Towards a Green, Inclusive, and Future-Ready Campus



Entrepreneurship
and Sustainability
Research Center

September 2024 – June 2026

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ABOUT THIS REPORT :

As a premier educational institution in the Middle East and North Africa (MENA) region, Deraya University is committed to leading the way in environmental stewardship, social responsibility, and economic sustainability. This Sustainability Report transparently presents our progress, celebrates our achievements, and identifies opportunities for improvement as we endeavor to be a model of sustainability among higher education institutions. This edition marks Deraya University's third sustainability report, covering the period from September 2023 to September 2026. Conducted by the Entrepreneurship and Sustainability Research Center (ESRC), a dedicated executive center committed to achieving the Sustainable Development Goals (SDGs) and promotes the spirits of entrepreneurship, the report offers a comprehensive overview of the university's sustainability activities and accomplishments over three academic years. In alignment with the United Nations 2030 Sustainable Development Goals (SDGs), this report links each goal to relevant university initiatives, demonstrating Deraya's integrated strategy for addressing global challenges. The report covers educational programs, research initiatives, campus operations, community engagement, public outreach, and international partnerships. Each section spotlights specific projects and milestones that have significantly advanced our sustainability objectives, including 100 percent LED lighting conversion, a 50 percent reduction in irrigation water use, 918 scholarly publications on sustainability, over 16,600 physiotherapy sessions provided to the community, and strategic MOUs with four American universities.

We aspire to serve as a source of inspiration for other institutions, earn recognition for our sustainability efforts, and set a benchmark for universities across the Middle East and North Africa (MENA) region.

SUSTAINABILITY REPORT



Message from President

Prof. Dr. Sherif Refaat



I am honored to introduce Deraya University's inaugural Sustainability Report. This report marks a pivotal moment in our journey, signifying a comprehensive approach to sustainability that permeates every facet of our institution. We are deeply committed to integrating sustainable development principles into our academic environment and daily operations.

Deraya University has long been recognized for its educational excellence, housing prestigious schools and research centers that nurture a diverse range of academic and professional pursuits.

Deraya University takes immense pride in its esteemed School of Pharmacy. Ranked among the top 500 pharmacy colleges globally according to the Shanghai Global Ranking of Academic Subjects, the School exemplifies our dedication to both academic excellence and sustainable practices. The School fosters innovation in pharmaceutical research and development, promoting practices that are environmentally responsible and contribute to the well-being of our communities. This aligns perfectly with our broader sustainability objectives. However, we recognize that true excellence extends beyond academics. It encompasses a responsibility towards creating a more sustainable future for generations to come.

The Center for Research and Sustainability (CRS) plays a vital role in this endeavor. This dedicated executive center serves as the engine driving our commitment to the Sustainable Development Goals (SDGs). Their unwavering dedication has culminated in Deraya University's official recognition as a signatory of the SDG accord, highlighting our commitment to aligning our efforts with these critical global objectives.

This report represents a significant first step in our sustainability journey. We understand that achieving true sustainability requires a collaborative approach. We are committed to working diligently with our stakeholders, including faculty, staff, students, and valued community members. Through open dialogue and engagement, we can collectively identify challenges, co-create innovative solutions, and drive positive change that extends beyond the walls of our university.

On that note, I would like to express my deepest gratitude to the exceptional team at the Center for Research and Sustainability. Their meticulous research, unwavering commitment, and dedication to creating this report have been invaluable in shaping our roadmap for a sustainable future.

As we move forward, Deraya University is unwavering in its commitment to integrate sustainability into every aspect of our academic programs and operational practices. We strive to empower our students to become responsible global citizens, equipped with the knowledge and skills to contribute to a more sustainable future. With unwavering dedication and collaborative action, Deraya University is confident in its role as a leader in the field of sustainable higher education.

Message from Vice President **Prof. Dr. Irene Atef**



Society has a direct responsibility towards achieving the Sustainable Development Goals (SDGs) as set out in Egypt vision 2030, and stakeholders such as Universities are called upon to implement these goals through research and education processes, applying sustainability in their organization, community service, and campus operations. Deraya University administration is keen to provide a sustainable university environment to achieve their goals.

Sustainability reporting is a daunting challenge, as preparing and understanding it involves a journey into a world of challenges that lead to change. It also plays an important role in measuring the university's performance and enhancing its long-term sustainability. These reports provide comprehensive information that helps universities make strategic decisions, achieve competitive advantage, and enhance communication with stakeholders.

Entrepreneurship and Sustainability Research center at Deraya University aims to provide underserved areas with vital healthcare and social services and establish a multidisciplinary medical research group to tackle regional healthcare challenges. It is the best way to manage risks and crises, enhance brand value and reputation, good relationship with government and local communities, ensure the continuity of the relationship between universities and society in the long term. This is where the importance of sustainability reporting appears.

About Deraya University

Founded by Presidential Decree No. 2010/91, Deraya University is in Minya Governorate and proudly stands as the second private university in southern Egypt. Since its establishment in 2010, Deraya has been dedicated to delivering a comprehensive education through its four colleges: Pharmacy, Physical Therapy, Dentistry, and Business Administration. The university offers seven undergraduate and two graduate programs, with a primary focus on serving the students of Upper Egypt.

Guided by the philosophy of John Dewey, «Education is not preparation for life; education is life itself,» Deraya University embodies a mission to provide high-quality, modern education. This philosophy is reflected in our commitment to fostering active learning, intellectual engagement, and discovery within an innovative academic environment.

Deraya University is committed to making meaningful contributions to society through education and research.



Vision

Our vision is to achieve leadership at the national and regional levels and for Deraya University to become one of the distinguished universities globally.



Mission

Deraya University's mission is to provide outstanding educational programs, offering a research environment that meets societal needs, keeping pace with global development and standards, and actively participating in environmental development and community service.



Values

We are committed to excellence in all facets of our work—
Quality – Responsibility – Justice – Integrity – Teamwork
– Creativity



Social and Environmental Responsibility

Deraya University is devoted to understanding and addressing the challenges facing our society. We leverage our intellectual and creative resources to benefit the community, making a lasting impact on development, business, the environment, and societal well-being. Our strategic pillars focus on the quality of education, institutional effectiveness, and innovation, all aimed at reinforcing our commitment to educational excellence and societal development in the region.

Our Academic Structure Comprises Four Schools:

Deraya University, recognized for its educational excellence, houses several prestigious schools and research centers that cater to a wide range of academic and professional interests.

The School of Pharmacy stands out as a premier institution, ranked among the top 500 pharmacy colleges globally according to the Shanghai Global Ranking of Academic Subjects. This school provides a world-class education that prepares students for pivotal roles in the pharmacy sector. The Schools of Physiotherapy and Dentistry are committed to imparting comprehensive knowledge and skills necessary for successful careers in these critical healthcare professions. Students receive rigorous training designed to meet the demands of their respective fields.

The School of Business Administration at Deraya University offers a dynamic education framework that equips students with the skills needed to navigate and excel in a competitive business environment. This school focuses on rigorous training and practical knowledge to prepare students for leadership and innovation in business.

Further enhancing its educational offerings, the Deraya Academy for Continuing Education provides specialized professional development programs for working professionals. These programs are tailored to enhance skills and foster career advancement, emphasizing practical and applicable knowledge. Meanwhile, the Teaching and Learning Center focuses on elevating teaching methodologies, ensuring that Deraya University maintains its commitment to educational excellence and innovation. This comprehensive approach positions Deraya University as a leading institution in both education and research, contributing significantly to the academic and professional landscape.

Entrepreneurship and Sustainability Research Center (ESRC) Pioneering Sustainability and Social Impact in Upper Egypt

In addition to its strong academic programs, Deraya University is also a hub for Sustainability research and entrepreneurship. In line with this, Deraya University is deeply committed to sustainability and the implementation of the Sustainable Development Goals (SDGs). Our efforts are guided by short-term and long-term goals that aim to position the university as a regional hub for sustainability initiatives. Through strategic partnerships, international recognition, awareness campaigns, and active participation in global sustainability competitions, Deraya University is at the forefront of driving sustainable practices both on and off campus. ESRC at Deraya University is a leading applied research entity and think-tank dedicated to addressing social and sustainability challenges while advancing knowledge in Upper Egypt. ESRC spearheads initiatives and projects aimed at advancing knowledge and sustainable practices.



Vision



To be the leading catalyst for sustainability and entrepreneurship transformation in Upper Egypt, empowering the conversion of innovative ideas into impactful products and services that drive environmentally, socially, and economically sustainable growth, while fostering regional leadership in innovation and sustainable development.

Mission



The Center's mission is to foster a vibrant entrepreneurial ecosystem in Upper Egypt, grounded in the principles of sustainability and social responsibility, by leveraging Deraya University's professional expertise, accumulated knowledge, strategic location, advanced infrastructure, and extensive partnership-building capabilities. The Center is committed to delivering health and awareness initiatives, as well as integrated capacity-building programs that serve and empower the community.



Core Values

1. Research Excellence for Societal Impact

The ESRC is committed to conducting high-quality, evidence-based research that addresses regional challenges and contributes to sustainable social, economic, environmental, and health development. The Center ensures that research outcomes translate into measurable benefits for communities and stakeholders.

2. Innovation and Entrepreneurship

The ESRC fosters a culture of innovation and entrepreneurship by supporting the transformation of research findings and creative ideas into sustainable products, services, and ventures that generate economic and social value.

3. Collaboration and Knowledge Exchange

The ESRC promotes interdisciplinary collaboration among researchers, students, industry partners, policymakers, and community organizations, encouraging knowledge sharing and collective problem-solving to address complex sustainability challenges.

4. Sustainable Healthcare and Community Well-being

The Center is dedicated to advancing sustainable healthcare solutions, improving public health awareness, and enhancing access to health-related knowledge and services that contribute to community well-being.

5. Environmental Stewardship and Green Transition

The ESRC actively supports the transition toward environmentally sustainable practices through research, innovation, education, and community engagement, contributing to the development of greener and more resilient societies.

6. Sustainability Education and Capacity Building

The Center is committed to cultivating a sustainability mindset among students, researchers, and community members through education, training, awareness campaigns, and lifelong learning opportunities.

7. Community Engagement and Social Responsibility

The ESRC recognizes its responsibility to serve society by addressing local needs, empowering communities, and supporting initiatives that promote inclusive and sustainable development.

8. Integrity and Accountability

The Center upholds the highest standards of ethics, transparency, professionalism, and accountability in all research, educational, and entrepreneurial activities.

9. Strategic Partnerships

The ESRC values strong partnerships with academic institutions, industry, government agencies, civil society organizations, and international networks to maximize impact and promote sustainable innovation.

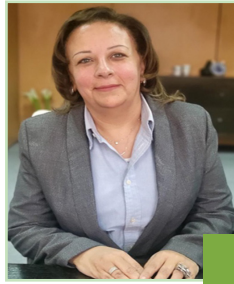
10. Commitment to Sustainable Development

The ESRC is unwavering in its commitment to advancing the United Nations Sustainable Development Goals (SDGs) and contributing to the creation of sustainable, inclusive, and prosperous communities throughout Upper Egypt and beyond.

Building Collaborative Networks for Sustainable Development

The ESRC actively seeks partnerships with a diverse range of organizations to bolster its research and extend its impact. Collaborations with institutions such as the Ministry of Health, the Ministry of higher education and scientific research, Minia Oncology Centre, Minia University, the Egyptian Banking Institute, the Arab Academy for Banking and Financial Sciences, Nahdat Misr Foundation, Baheya Foundation, 57357 hospitals, and The American University in Cairo (through professional training programs) significantly enhance the Centre's research capabilities and broaden its reach within the region.

Entrepreneurship and Sustainability Research Center (ESRC) Staff



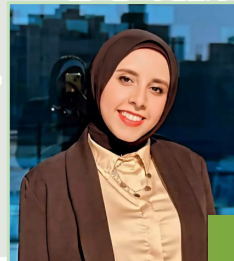
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This Sustainability Report 2026 is the result of a collaborative effort across the entire Deraya University community, encompassing academic and research departments, administrative staff, campus facilities operators, and — most importantly — the students whose initiatives and energy have driven much of our sustainability progress. We extend our deepest gratitude to everyone who supported the core research team in documenting, verifying, and presenting the university's sustainability journey from 2023 to 2026.

We would also like to acknowledge the direct contributors listed below, whose invaluable assistance in facilitating data collection, providing access to facilities and records, **and guiding our efforts to highlight their sustainability initiatives has been instrumental:**

- **Counseling and Wellness Center** – for mental health data and well-being initiatives
- **Engineering Administration** – for infrastructure, energy, water, and waste data
- **Human Resources Department** – for staff engagement and policy implementation
- **Public Relations Department** – for documentation of events and campaigns
- **Student Activities Department** – for comprehensive records of student-led initiatives, sports, and community outreach
- **Teaching and Learning Center (TLC)** – for faculty development workshop data
- **Faculty of Pharmacy, Faculty of Dentistry, Faculty of Physical Therapy, and Faculty of Business Administration** – for course sustainability integration and academic data
- **International Cooperation Office** – for partnership and ranking documentation
- **Research Office** - for research data

Additionally, we extend our appreciation to all other departments and administrative offices within the university whose assistance has been crucial to the success of this report. Their collaboration has played a vital role in advancing Deraya University's sustainability goals and ensuring the accuracy and completeness of the information presented.

STRATEGIC PLAN 2026–2025 AND TIMELINE OF SUSTAINABILITY ACHIEVEMENTS



To enhance its sustainability efforts, Deraya University has established and strengthened strategic partnerships with local, national, and international organizations, directly supporting SDG 17 (Partnerships for the Goals). Key partnerships include the Baheya Foundation for breast cancer awareness



Early detection, 57357 Hospital for pediatric cancer education and student training.



The National Council for Women (Minia Branch) for womens health



Anti-violence initiatives, Ministry of Health for medical convoys and screening campaigns.
The Egyptian Society for Metabolic and Fatty Liver Disease for specialized health initiatives.



On the international front, Deraya University has signed memoranda of understanding with four prestigious American universities — the University of Iowa, the University of Michigan, the University of North Carolina, and the University of Texas Medical Branch at Galveston — facilitating faculty and student exchange, joint research, and clinical training opportunities. The university has also hosted a delegation from Aqaba University of Medical Sciences in Jordan, welcomed the European Union Ambassador to Egypt as part of the EU-Egypt Research and Innovation Week, and established research mobility partnerships with the University of Bamberg in Germany through the Bavaria-African Research Alliance (BayFOR).

Deraya University is proud to be a member of the United Nations Academic Impact (UNAI), a signatory of the SDGs Accords, and a member of the Community for Mediterranean Universities. These affiliations underscore the university's commitment to sustainability and its dedication to fostering global collaborations that promote sustainable development. The university continues to track and promote its global rankings, including the Shanghai Global Ranking of Academic Subjects (Top 500 for Pharmacy), Times Higher Education (THE) Impact Rankings, Webometrics, SCImago, and UI GreenMetric World University Rankings (ranked 52nd in Africa and 31st in Egypt in 2025).

Short-Term Goals and Implementation (2026–2024)

In the short term, Deraya University has focused on several key initiatives, including grant applications, enhancing international rankings, and expanding community outreach. The university has actively pursued funding opportunities to support sustainability projects, including the Erasmus Fund and the Egypt-US International Cooperation Grant, and continues to seek additional funding sources. Efforts to secure recognition in international rankings have yielded measurable results, with improvements in UI GreenMetric and continued participation in THE Impact Rankings.

The university's commitment to research is evident in the publication of high-impact studies that contribute to the global understanding of sustainability challenges. Notable research includes studies on serum ferritin levels in patients with metabolic dysfunction-associated steatotic liver disease (published in GUT 2024), anti-HPV potential of natural constituents, antimicrobial profiles of natural products, and the impact of AI adoption on digital entrepreneurship intentions in Egypt and Germany. In total, Deraya University has produced 918 scholarly publications on sustainability, with 864 focused on SDG 3 (Good Health and Well-being).

Key short-term achievements between 2024 and 2026 include:



100%

percent LED lighting coverage across all campus facilities



80%

percent university-wide implementation of energy-efficient appliances



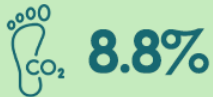
50%

percent reduction in irrigation water use since 2022 baseline



31%

percent reduction in monthly water costs from 53,000 EGP to (37,000 EGP)



8.8%

percent reduction in carbon footprint from 1,890 to 1,724 (metric tons CO₂)



12.5%

Reduction in private vehicle entries (from 120 to 105 cars)



2000+

community members receiving free health screenings through medical convoys



16.657

physiotherapy sessions provided to the community 2024–2025



918

scholarly publications on sustainability



4

MOUs signed with US universities



1st

WHO One Health ambassador from Deraya University Dr. Aliaa Gamal



2

IVLP honorees recognized by the US Embassy Dr. Sally Mohsen, Dr. Yasmin Hamdy



1st

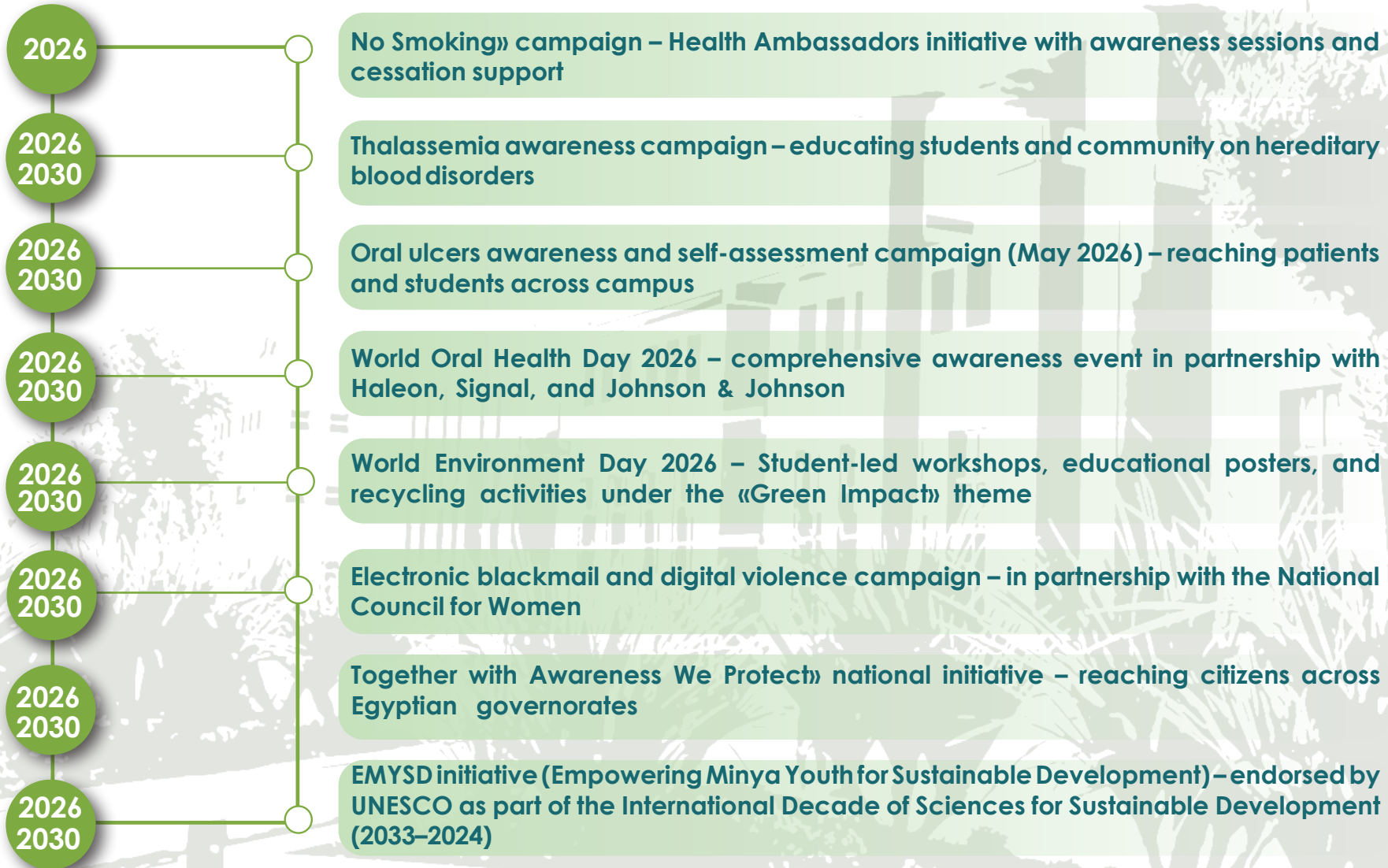
First to obtain the **Certified Incubation Manager accreditation** from the University of Missouri, USA Dr. Nourhan Shady



Long-Term Goals and Implementation (2030–2026)

Looking ahead, Deraya University aims to become a regional hub for sustainability by refining its strategic plans and aligning them with the SDGs. Long-term goals include conducting a comprehensive SWOT analysis to identify opportunities for growth, expanding campus infrastructure to support new sustainability initiatives (including the new -200bed university hospital), and activating existing international agreements to enhance research and educational impact.





Deraya University actively participates in ISF competitions, offers volunteering programs, and hosts workshops in collaboration with institutions such as DAAD Kairo Akademie, Elsevier, the National Institute for Planning, the Banking Institute, Google, Odoo, and the Fund for Combating and Treating Addiction. These initiatives not only educate the university community but also empower individuals to take concrete action toward achieving the SDGs.

DERAYA UNIVERSITY'S COMMITMENT TO SUSTAINABILITY

Deraya University is deeply committed to embedding sustainability into its campus operations, academic programs, and community engagement. The Entrepreneurship and Sustainability Research Center (ESRC) oversee key initiatives, systematically tracking energy, water, waste, and carbon emissions to promote a greener campus in alignment with the UN Sustainable Development Goals (SDGs).

Environmental Performance (2026–2023)

The university has achieved 100 percent LED lighting coverage and 80 percent energy-efficient appliance implementation, reducing electricity consumption by 6.8 percent and the carbon footprint by 8.8 percent (from 1,890 to 1,724 metric tons of CO₂). A -181meter on-site water well has reduced water costs by 15 percent and irrigation water use by 50 percent, with monthly costs decreasing by 31 percent. Paper waste declined by 11 percent, plastic waste by 9 percent, and organic waste by 16 tons through digital transformation and recycling partnerships. Private vehicle entries decreased by 12.5 percent through a -32bus shuttle system and pedestrian-friendly campus design.





Health and Well-being (SDG 3)

The «Nour» initiative delivered breast cancer screening to 350 women, fatty liver screening to 530 participants, and women's health services to over 250 women. Dental and physiotherapy clinics served thousands of community members, providing over 16,600 physiotherapy sessions. The Psychological Counseling Center manages 137 cases quarterly with over 70 percent improvement rates.



Womens Empowerment (SDG 5)

The Women's Anti-Violence Unit, established in partnership with the National Council for Women, provides support and legal awareness. Female leadership is evident across university administration.



Research and Innovation (SDG 9)

The university has allocated 28,000 USD to sustainability research and produced 918 scholarly publications, with 864 focused on SDG 3. Deraya university hosts international conferences, workshops, and the NASA Space Apps Challenge.



Academic Excellence (SDG 4)

Sustainability is integrated across all four faculties. The Teaching and Learning Center delivered 22 workshops to 380 faculty members in collaboration with DAAD and Elsevier.



Partnerships (SDG 17)

MOUs have been signed with four US universities, Aqaba University (Jordan), and the University of Bamberg (Germany). The EMYSD initiative, endorsed by UNESCO, supports youth empowerment in Minia.

Conclusion

Deraya University's sustainability initiatives extend beyond environmental impact reduction. By promoting health, gender equality, research, education, and partnerships, the university makes significant contributions toward the SDGs, creating lasting benefits for both the campus community and society at large.

Commitment to Sustainability in Education

Deraya University recognizes education as the most effective tool for driving meaningful change. The university offers a comprehensive range of courses across its four faculties — Pharmacy, Dentistry, Physical Therapy, and Business Administration — serving over 6,000 undergraduate and graduate students. The curriculum incorporates the three pillars of sustainability (environment, economy, and society) across all fields of study, ensuring that students engage deeply with sustainability concepts throughout their academic journey. The university's academic approach rests on six pillars: a comprehensive curriculum integrating SDGs across courses; undergraduate and graduate programs emphasizing hands-on sustainability projects; professional and continuing education for working professionals; robust research initiatives with dedicated sustainability funding; community and global engagement through international collaborations; and an interdisciplinary approach preparing students to address sustainability challenges locally and globally.

2 Section





Faculty of Pharmacy

The Faculty of Pharmacy integrates sustainability across its curriculum through green chemistry, responsible sourcing of natural resources, and sustainable healthcare practices.

Sustainability-Related Courses – Faculty of Pharmacy

Courses	SDG Alignment
Instrumental Analysis (Green Chemistry focus)	SDG 12
Medicinal Plants	SDG 3, SDG 15
Applied and Forensic Pharmacognosy	SDG 3, SDG 12
Physiotherapy & Aromatherapy	SDG 3, SDG 15
Nutrition	SDG 2, SDG 3
Public Health	SDG 3
Clinical Biochemistry (PB413)	SDG 3
Biochemical Methods of Diagnosis (PHB1)	SDG 12
Diagnostic Microbiology & Infectious Diseases (PHM1)	SDG 3, SDG 6
Food Microbiology (PHM2)	SDG 2, SDG 3

Entrepreneurship for Pharmacists (PGC526)	SDG 8
Professional Skills (UP325)	SDG 4
Management of Critical Care Patients (PMS5210)	SDG 3
Management of Dermatological, Reproductive & Musculoskeletal Diseases (PMS5211)	SDG 3
Management of Pediatric Diseases (PMS5212)	SDG 3
Management of Cardiovascular Diseases (PMS5213)	SDG 3
Management of Gastrointestinal Diseases (PMS5214)	SDG 3
Management of Respiratory Diseases (PMS5215)	SDG 3, SDG 13



Faculty of Dentistry

The Faculty of Dentistry emphasizes sustainable material selection, waste reduction, and resource-efficient clinical practices.

Sustainability-Related Courses – Faculty of Dentistry

Courses	SDG ALigment
Dental Biomaterials	SDG 12
Clinical & Preclinical Removable Prosthodontics	SDG 3, SDG 12
Preclinical & Clinical Operative Dentistry	SDG 3, SDG 12
Preclinical & Clinical Endodontics	SDG 3
Historical Perspectives	SDG 4
Impact of Technology on Society	SDG 9, SDG 12
Preclinical Removable Prosthodontics (DPRP5, DPRP6)	SDG 3



Faculty of Physical Therapy

The Faculty of Physical Therapy integrates sustainable healthcare practices, water conservation, and community health principles.

Sustainability-Related Courses – Faculty of Physical Therapy

Courses	SDG ALignment
Therapeutic Exercises (PT 2113)	SDG 3
Electrotherapy (PT 2115)	SDG 3
Hydrotherapy (PT 2116)	SDG 6
Human History (UHS)	Social sustainability
Internal Medicine & Geriatrics (PT 3122)	SDG 3
Cardiopulmonary Diseases & Surgery (PT 3123)	SDG 3
Physiotherapy for Internal Medicine & Geriatrics (PT 3124)	SDG 3
Physiotherapy for Cardiopulmonary Diseases (PT 3125)	SDG 3
Physiotherapy for Integumentary System (PT 3245)	SDG 3

Community Medicine (PT 3226)	SDG 3
Principles of Nutrition (PT 3227)	SDG 2, SDG 3
Hospital Administration (PIL 3)	SDG 3
Sports Medicine (PT 4153)	SDG 3
Physiotherapy for Traumatology & Sports Injuries (PT 4154)	SDG 3
Ergonomics (PT 4117)	SDG 8
Differential Diagnosis (PIL 9)	SDG 3
Human Genetics (PT 5274)	SDG 3
Growth, Development & Neonates (PT 5275)	SDG 3
Speech Therapy Principles (PT 5276)	SDG 4



Faculty of Business Administration

The Faculty of Business Administration integrates sustainability through ethical business practices, responsible marketing, digital transformation, and sustainable project management.

Sustainability-Related Courses – Faculty of Business Administration

Courses	SDG ALignent
Human Rights and Ethics (211)	SDG 16
E-Business (COMP 321)	SDG 9
Strategic Marketing (MARK 413)	SDG 8
International Marketing (MARK 411)	SDG 12
Retailing (MARK 322)	SDG 12
Personal Selling (MARK 323)	SDG 8
Project Management (MANG 521)	SDG 9
Management Information System (MANG 511)	SDG 9
Projects' Feasibility Studies (MANG 415)	SDG 11
International Business Management (MANG 413)	SDG 8
Total Quality Management (MANG 312)	SDG 9



Teaching and Learning Center (TLC)

The Teaching and Learning Center (TLC) at Deraya University is dedicated to supporting faculty members by providing resources and training to enhance curriculum effectiveness and instructional quality. Between 2023 and 2025, the TLC organized 22 workshops with a total of 380 faculty and staff participants. The center has collaborated with international partners including DAAD Kairo Akademie and Elsevier, bringing global expertise to faculty development.

TLC Workshops (2025–2023)

Date	Workshop	Participants
10/7/2023	Effective Hybrid Hyflex Strategies	16
12/7/2023	Constructive Assessment for Learning in Higher Education	19
25/7/2023	Problem Solving and Teamwork Enhancement	20
13/9/2023	Pre-Empting and Managing Conflict	18
18/9/2023	University Exams and Digital Question Banks	26
25/9/2023	Academic Integrity	29
9/10/2023	Scientific Writing: Structure and Logic	14
17/10/2023	Proposal Writing for Master's & PhD Candidates	15
23/11/2023	Learning Projects in Blended Learning Format	15
30/11/2023	Learning Through Projects	28
14/12/2023	Innovation in Chemical and Pharmaceutical Sciences	30

20/2/2024	AI in Higher Education	26
6/3/2024	Taking Your Classroom Online	12
28/8/2024	Managing Innovation in Academia	20
1/9/2024	International Networking	23
26/10/2024	Maximizing Microsoft Teams in Academia	5
30/10/2024	Maximizing Microsoft Teams in Academia	16
6/7/2025	Academic Integrity	29
8/7/2025	Quality Control & Quality Assurance in Higher Education	16
12/7/2025	Scientific Presentation Skills	28
21/7/2025	MCQ Item Construction	7
22/7/2025	Assessment Blueprint & Rubric	8

These workshops focused on critical areas such as active learning strategies, assessment design, academic integrity, scientific writing, artificial intelligence in education, quality assurance, and presentation skills. All efforts directly contribute to SDG 4 (Quality Education) by enhancing faculty capacity to deliver effective, innovative, and sustainable instruction.



Scientific Research

Deraya University has demonstrated a strong commitment to research through dedicated funding and scholarly output.

The university has produced a total of 918 scholarly publications. Most of these publications — 864 in total — address SDG 3 (Good Health and Well-being), reflecting the university's focus on health sciences and its commitment to improving community health outcomes through evidence-based research. Additional publications address SDG 2 (Zero Hunger) with 9 publications, SDG 12 (Responsible Consumption and Production) with 7 publications, SDG 4 (Quality Education) with 5 publications, SDG 6 (Clean Water and Sanitation) with 4 publications, and SDG 7 (Affordable and Clean Energy), SDG 15 (Life on Land), SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry and Infrastructure), SDG 13 (Climate Action), and SDG 16 (Peace and Justice) with 1 to 3 publications each.

In the most recent one-year period, Deraya University produced 11 scholarly publications, all focused on SDG 3 (Good Health and Well-being), demonstrating continued momentum in health-related sustainability research.



Scholarly Publications on Sustainability by SDG

SDG	Number of Publications
SDG 3 (Good Health and Well-being)	864
SDG 2 (Zero Hunger)	9
SDG 12 (Responsible Consumption and Production)	7
SDG 4 (Quality Education)	5
SDG 6 (Clean Water and Sanitation)	4
SDG 7 (Affordable and Clean Energy)	3
SDG 15 (Life on Land)	3
SDG 5 (Gender Equality)	1
SDG 8 (Decent Work and Economic Growth)	1
SDG 9 (Industry, Innovation and Infrastructure)	1
SDG 13 (Climate Action)	1
SDG 16 (Peace, Justice and Strong Institutions)	1



Sustainability-Focused Research Publications with ESRC Affiliation

Faculty members and researchers affiliated with the ESRC at Deraya University have published six high-impact scientific studies in internationally recognized peer-reviewed journals between 2024 and 2026. These publications reflect the university's commitment to advancing scientific knowledge in areas related to natural products, inflammation, infectious diseases, and gastrointestinal health, all of which align with SDG 3 (Good Health and Well-being).

The published studies include the following:

- 1. Network pharmacology reveals *Ficus. Carica. L latex* as a potential therapeutic agent for gastric ulcers by modulating inflammation and promoting repair– PLOS ONE.**
• DOI: <https://doi.org/10.1371/journal.pone.0333777>
- 2. Paeoniflorin Ameliorates Cecal Ligation and Puncture-Induced Acute Lung Injury in Mice by Modulating Oxidative Stress, Apoptosis, and Inflammation: Shedding Light on the Role of the JAK2/STAT3 Pathway**
• DOI: <https://doi.org/10.3390/ph19050666>
- 3. Antiviral potential of *Corchorus olitorius* fixed oil loaded into poly(D,L-lactide-co-glycolide)/poly(ε-caprolactone) (PLGA/PCL) nanoparticles against HSV1- virus, supported by network analysis– Scientific Reports.**
• DOI: <https://doi.org/10.1038/s-15718-025-41598x>
- 4. A comprehensive overview on the role of phytochemicals as gastroprotective agents (2025).**
• DOI: <https://doi.org/1934578/10.1177X251329870>
- 5. Capturing the antimicrobial profile of *Paeonia officinalis*, *Jasminum officinale* and *Rosa damascena* against methicillin-resistant *Staphylococcus aureus* with metabolomics analysis and network pharmacology – Scientific Reports.**
• DOI: <https://doi.org/10.1038/s5-62369-024-41598>
- 6. In Vitro and Randomized Controlled Clinical Study of Natural Constituents' Anti-HPV Potential for Treatment of Plantar Warts Supported with In Silico Studies and Network Analysis**
• DOI: <https://doi.org/10.3390/ph17060759>

These six studies are affiliated with the Centre for Research and Sustainability (CRS) at Deraya University and collectively address gastric ulcers, acute lung injury, HSV1- virus, antimicrobial resistance, and HPV treatment through natural product-based approaches using advanced methodologies including network pharmacology, metabolomics, and nanoparticle delivery systems.



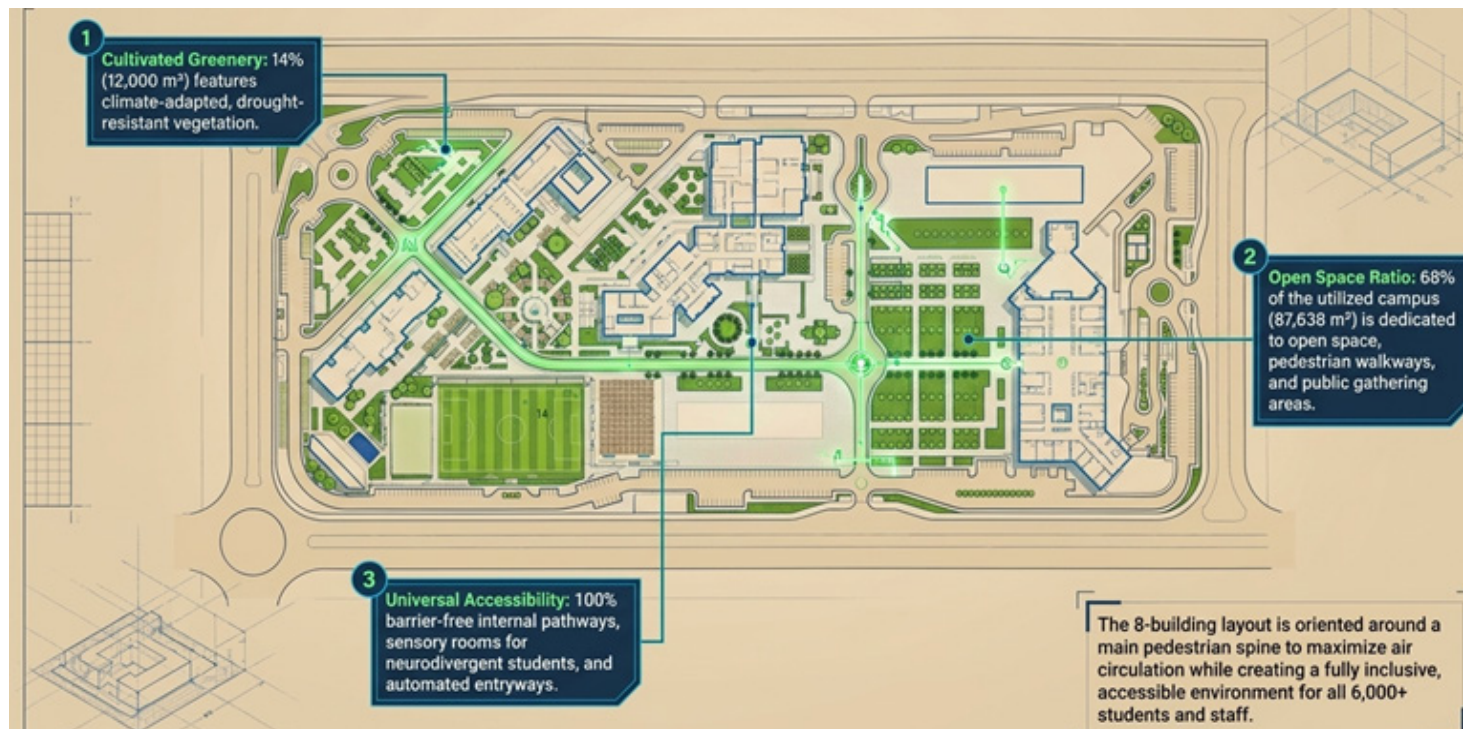
Graduate and Professional Programs

Deraya University offers several graduate diplomas through the Faculty of Pharmacy under the credit hour system, including a Diploma in Therapeutic Nutrition, a Diploma in Forensic Pharmacy, a Diploma in Cosmetic Preparations, and a Diploma in Drug Quality Control and Assurance. The Continuing Education Center also offers professional development programs, including the «Smart Path» winter camp and specialized training courses for working professionals, ensuring lifelong learning opportunities aligned with SDG 4.

Setting and Infrastructure

Campus Overview

Deraya University's campus in Minia Governorate spans a total gross area of 198,773 square meters, of which 50,369 square meters are dedicated to open spaces, pedestrian walkways, and public gathering areas. The total built-up area stands at 98,800 square meters, with a building footprint of 31,100 square meters. The campus is organized around a main pedestrian spine, with eight buildings arranged to optimize access, natural light, and air circulation. Key facilities include the Medical Complex housing the Dentistry, Pharmacy, and Physical Therapy clinics, a multipurpose building for events and conferences, a central cafeteria, sports areas for football, basketball, handball, and padel, as well as electrical infrastructure rooms supporting campus power distribution.

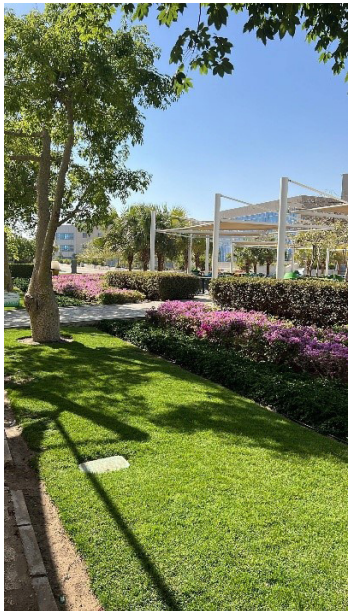


Sustainable Building Design

Sustainability was prioritized from the very outset of campus development. The construction of Deraya University involved the use of 20,000 tons of reinforcing steel and 100,000 square meters of natural stone, marble, and granite cladding and flooring, ensuring structural longevity and reducing the need for frequent maintenance. The buildings are designed with energy-efficient walls that achieve a 50 percent reduction in HVAC energy consumption compared to traditional construction methods. Optimal building orientation reduces cooling energy requirements by 40 percent, while a hollow-square design maximizes natural light utilization and facilitates air circulation in offices, classrooms, and laboratories. Architects strategically positioned openings in plazas, courtyards, and gateways to harness prevailing winds, creating natural ventilation and a green buffer that mitigates heat and filters dust during storms

Green Areas and Conservation

The campus integrates extensive green spaces, including landscaped gardens, planted areas, and a botanical garden featuring native plant species that support local biodiversity. All landscaping is maintained using on-site composting of pruning and grass waste, biological pest control that minimizes pesticide use, and drought-tolerant plants adapted to Upper Egypt's arid climate



Parking and Accessibility

The campus provides 450 outdoor parking spaces and 91 indoor parking spaces, for a total of 541 spaces. Deraya University has implemented comprehensive accessibility measures to ensure an inclusive environment for individuals with disabilities, special needs, and maternity care. All university buildings are equipped with wheelchair-accessible restrooms, elevators providing seamless access to all floors, and ramps strategically placed at the entrances of each faculty building in full compliance with Egyptian accessibility standards. Designated parking spaces are reserved for individuals with disabilities near building entrances, and all classrooms and laboratories feature wide doorways to facilitate smooth movement for wheelchair users. Internal pathways have been designed to be barrier-free, eliminating steps and obstructions that could impede mobility. To support students with special needs, sensory rooms equipped with calming tools and activities assist students with autism and other sensory processing disorders, while adaptive technology and specialized software are available to support students with learning disabilities.

Health and Wellness Facilities

Deraya University prioritizes the health and well-being of its community members. Campus health centers have been upgraded with modern medical equipment and extended operating hours. The Counseling and Wellness Center provides mental health support through counseling and therapy sessions. Fitness facilities include spaces for football, volleyball, basketball, handball, and padel, with an average of 75 students participating weekly. The university organizes wellness workshops on nutrition, stress management, and healthy living throughout the academic year. Preventive health measures include annual vaccination drives for influenza, HPV, and other preventable diseases, as well as regular health screenings for blood pressure, cholesterol, and diabetes.



Operation and Maintenance for Sustainability

The campus provides 450 outdoor parking spaces and 91 indoor parking spaces, for a total of 541 spaces. Deraya University has implemented comprehensive accessibility measures to ensure an inclusive environment for individuals with disabilities, special needs, and maternity care. All university buildings are equipped with wheelchair-accessible restrooms, elevators providing seamless access to all floors, and ramps strategically placed at the entrances of each faculty building in full compliance with Egyptian accessibility standards. Designated parking spaces are reserved for individuals with disabilities near building entrances, and all classrooms and laboratories feature wide doorways to facilitate smooth movement for wheelchair users. Internal pathways have been designed to be barrier-free, eliminating steps and obstructions that could impede mobility. To support students with special needs, sensory rooms equipped with calming tools and activities assist students with autism and other sensory processing disorders, while adaptive technology and specialized software are available to support students with learning disabilities.



Overview and Strategic Commitment

Deraya University recognizes energy management as a cornerstone of institutional sustainability and a direct contributor to climate change mitigation. In alignment with Egypt's Vision 2030, the Ministry of Higher Education and Scientific Research's national energy rationalization campaign "Wafirha Tanawwarha" (Save Energy, It Lights Your Way), and the United Nations Sustainable Development Goals (SDGs); particularly SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action) ; the university has implemented a comprehensive, multi-year energy strategy spanning 2021 to 2026.

This strategy rests on four interconnected pillars:

- **Infrastructure modernization through complete LED conversion and systematic appliance upgrades;**
- **Behavioral change driven by awareness campaigns and official conservation directives;**
- **Data-driven monitoring via smart metering and energy analytics; and**
- **Carbon footprint management to measure, reduce, and report emissions transparently.**

LED Lighting and Energy-Efficient Appliances

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Energy-Efficient Appliance Implementation by College

College	Implementation Rate	Status
College of Pharmacy	50%	Partial completion
College of Physical Therapy	80%	Near completion
College of Dentistry	100%	Fully implemented
College of Business Administration	100%	Fully implemented
University-Wide Average	80%	Active ongoing



Electricity Consumption (2026–2021)

Year	Electricity Usage (kWh)	Key Operational Notes
2021	1,600,000	Partial operation: Pharmacy and Physical Therapy only
2022	1,850,000	Expansion of academic activities and facilities
2023	2,200,000	Full operation: Dentistry, Business, and Dental Clinic opening
2024	2,050,000	6.8% reduction due to LED, smart scheduling, HVAC optimization
2025	2,050,000	Sustained efficiency gains
2026	2,160,000	Increase due to Dental Clinic expansion (115 to 250 units)



Energy Conservation Policies and Official Directives

In direct response to the Ministry of Higher Education and Scientific Research's national campaign "Wafirha Tanawarha," Deraya University issued an official memorandum to all academic and administrative staff codifying mandatory energy conservation practices. **This directive establishes binding requirements across four operational domains:**

- **Lighting:** All fixtures must be switched off immediately upon leaving classrooms and offices. Natural lighting is to be prioritized during daylight hours, and all light switches must be verified before any space is vacated.
- **Air Conditioning (HVAC):** Units shall operate only when spaces are occupied, with thermostat setpoints maintained at 24 to 25 degrees Celsius — a temperature range that provides optimal comfort while minimizing energy consumption. Doors and windows must remain closed while air conditioning is running.
- **Electrical Equipment:** Computers, monitors, printers, and other devices must be powered off after use. No equipment shall be left in standby mode unnecessarily, and high-consumption devices require justified usage.
- **General Practices and Accountability:** All electricity sources must be verified off before leaving any space. Any faults or incidents of waste must be reported immediately. Posted directives within all faculties and departments must be followed.

Enforcement and monitoring responsibilities are assigned to the Facilities and Operations Management department, the Engineering Affairs department (emergency units), the Information Technology department, and the Security departments (facilities security, internal security, and occupational health and safety). These departments are required to submit weekly reports documenting compliance or violations to the Office of the University Secretary-General. This structured accountability mechanism ensures that energy conservation is not merely recommended but actively enforced across all campus operations.



Awareness Campaigns and Behavioral Engagement

Deraya University recognizes that technological interventions alone are insufficient to achieve lasting energy savings; cultural and behavioral change is equally essential. To this end, the university has actively participated in and aligned with national awareness initiatives while developing complementary campus-level programs.

The Ministry of Higher Education's "Wafirha Tanawarha" campaign targets three primary audiences: Egyptian families (household behavior change), faculty members (role modeling and enforcement), and university students (peer-to-peer influence). Deraya University has fully adopted this campaign framework and integrated its messaging into campus communications.



At the campus level, Deraya University has developed complementary initiatives including:

• Green Energy Awareness Week:

An annual event featuring workshops, competitions, and energy-saving pledges.

• Effeny initiative:

is an awareness initiative aimed at promoting responsible energy consumption by encouraging individuals to turn off lights, electrical devices, and equipment when not in use, thereby reducing energy waste and supporting environmental sustainability.

• Art for Climate Exhibition:

A student-led creative expression initiative addressing energy conservation and climate action; and

• Digital awareness campaigns:

Regular email bulletins, social media messages, and on-screen displays with energy-saving tips.

The university also leverages its ICT infrastructure to reinforce energy-saving behaviors. Smart energy meters provide real-time consumption data, energy analytics dashboards support data-driven decision-making, and digital signage throughout campus displays consumption tips and reminders.



Carbon Footprint Assessment (2025/2024)

Deraya University has systematically calculated its carbon footprint for the 2025/2024 academic year using a comprehensive methodology covering electricity consumption, on-campus transportation, and staff and visitor vehicles. The calculation follows standard emissions factors: 0.84 kg CO₂ per kWh for electricity, 0.01 kg CO₂ per vehicle-kilometer for buses and motorcycles, and 0.02 kg CO₂ per vehicle-kilometer for private cars.

Electricity consumption of 2,050,000 kWh generated 1,722 metric tons of CO₂, representing 99.9 percent of the university's total carbon footprint. Shuttle bus operations — comprising 50 buses making 10 daily trips of approximately one kilometer each across 240 operating days — contributed 12 metric tons. Private cars, with 105 vehicles entering campus daily making two trips of one kilometer each, contributed 10.08 metric tons. Motorcycles, with 47 vehicles similarly calculated, contributed 2.26 metric tons.

Carbon Footprint Calculation (2025/2024)

Emission Source	Calculation Method	Result (Metric tons CO ₂)
Electricity	$(2,050,000 \text{ kWh} / 1000) \times 0.84$	1,722.00
Shuttle Buses	$(50 \text{ buses} \times 10 \text{ trips} \times 1 \text{ km} \times 240 \text{ days} / 100) \times 0.01$	12.00
Private Cars	$(105 \text{ cars} \times 2 \text{ trips} \times 1 \text{ km} \times 240 \text{ days} / 100) \times 0.02$	10.08
Motorcycles	$(47 \text{ motorcycles} \times 2 \text{ trips} \times 1 \text{ km} \times 240 \text{ days} / 100) \times 0.01$	2.26
Total		1,724.34

The total carbon footprint for 2025/2024 is therefore 1,724.34 metric tons of CO₂.

More importantly, trend analysis reveals meaningful progress. Total CO₂ emissions decreased from 1,890.12 metric tons in 2023 to 1,724.34 metric tons in 2025, representing a reduction of approximately 8.8 percent over two years. This reduction was achieved primarily through the energy efficiency improvements described in previous sections, demonstrating that targeted interventions can deliver measurable climate action even as campus operations continue to grow.



Alignment with Sustainable Development Goals

Deraya University's energy and climate change programs directly contribute to multiple United Nations Sustainable Development Goals (SDGs), as summarized below:

	•SDG 3 (Good Health and Well-being):	Reduced air pollution from efficient energy use; comfortable indoor environments maintained by optimized HVAC systems.
	•SDG 4 (Quality Education):	Sustainability literacy integrated into curricula; awareness campaigns educating the entire university community.
	•SDG 7 (Affordable and Clean Energy):	LED conversion, appliance efficiency upgrades, and planned solar photovoltaic installations.
	•SDG 9 (Industry, Innovation, and Infrastructure):	Smart meters, energy analytics dashboards, and ICT-based infrastructure management.
	•SDG 11 (Sustainable Cities and Communities):	Green campus operations serving as a replicable model for sustainable urban communities.
	•SDG 12 (Responsible Consumption):	Behavioral change programs promoting responsible energy use.
	•SDG 13 (Climate Action):	Measurable carbon footprint reduction (8.8 percent from 2023 to 2025); emissions monitoring and transparent reporting.
	•SDG 17 (Partnerships for the Goals):	Alignment with the Ministry of Higher Education's national campaign; coordination with government directives.

Water Conservation Overview and Strategic Commitment



Deraya University is deeply committed to sustainable water management, recognizing water scarcity as one of Egypt's most pressing environmental challenges. Located in Minia Governorate in Upper Egypt, the university operates in an arid climate where responsible water use is not merely an operational preference but an institutional necessity. Since 2022, Deraya University has implemented a comprehensive water conservation strategy centered on three pillars: securing alternative on-site water sources, improving irrigation efficiency, and reducing domestic water consumption through fixtures and behavioral change. These efforts align directly with SDG 6 (Clean Water and Sanitation), SDG 12 (Responsible Consumption and Production), and SDG 13 (Climate Action), while also contributing to SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 11 (Sustainable Cities and Communities), and SDG 17 (Partnerships for the Goals).



On-Site Water Well: A Strategic Asset

In a significant step toward water self-sufficiency, Deraya University established an on-site water well with a depth of 181 meters. The well provides a production capacity of 30 cubic meters of water per day, supplying a substantial portion of the university's non-potable water needs, particularly for irrigation and facility operations. This initiative has directly reduced the university's dependence on external water purchases, resulting in a 15 percent reduction in water consumption costs — equivalent to annual savings of approximately 100,000 EGP.

On-Site Water Well Specifications

Parameter	Value
Well depth	181 meters
Production capacity	30 m ³ /day
Annual cost savings	~100,000 EGP
Cost reduction	15%



Irrigation Efficiency: Reducing Water Use by 50 Percent

Since 2022, Deraya University has implemented a series of sustainable irrigation management practices that have collectively reduced irrigation water use by 50 percent compared to the 2022 baseline.

These practices include:

• Smart irrigation scheduling:

Watering is scheduled based on weather conditions, soil moisture levels, and seasonal requirements, eliminating unnecessary irrigation.

• Drought-tolerant and native plants:

Landscaped areas have been redesigned using plant species that require minimal watering, reducing both irrigation demand and maintenance costs.

• Leak detection and maintenance:

Routine inspections are conducted across buildings and water networks to identify and promptly repair leaks, minimizing water loss.

• Landscape optimization:

Green spaces with high water demand have been reduced or replaced with more water-efficient landscaping.

• Sprinkler system upgrade (2026):

The installation of higher-pressure sprinklers further reduced water consumption by an additional 10 percent, building on previous efficiency gains.



Water Consumption Cost Trends (2026–2022)

The financial impact of Deraya University's water conservation efforts is clearly demonstrated in monthly water cost data. In 2022, prior to the full implementation of the university's water strategy — including the operation of the on-site well and the introduction of smart irrigation — monthly water costs stood at 53,000 EGP. By 2023, following the activation of the -181meter well, the installation of smart irrigation scheduling, and the implementation of leak detection protocols, monthly costs decreased significantly to 37,000 EGP — a reduction of 31 percent.

Table 3.3.4.1: Monthly Water Cost Reduction (2023–2022)

Year	Monthly Water Cost (EGP)	Reduction from 2022
2022	53,000	—
2023	37,000	31%

Since 2023, water consumption costs have remained steady at approximately 37,000 EGP per month. This stability reflects the sustained effectiveness of the university's water management practices. Continued efforts in 2025 ,2024, and 2026 — including further optimization of irrigation zones, reduction of high-water-demand landscaped areas, promotion of responsible water use among students and staff, and the 2026 upgrade to higher-pressure sprinklers — have successfully maintained the reduced consumption level without significant cost fluctuations. The steady state demonstrates that the university has achieved a new, lower baseline of water use, and operational growth (such as the expansion of the Dental Clinic) has not resulted in increased water consumption.



Domestic Water Conservation: Fixtures and Awareness

Beyond irrigation, Deraya University has implemented water-saving measures across all academic buildings, administrative offices, and student facilities.

These include:

- **Water-efficient fixtures:** Low-flow taps, dual-flush toilets, and aerated faucets have been installed to reduce daily water consumption in restrooms, laboratories, and other facilities.
- **Digital tracking and cost monitoring:** Monthly water consumption and cost data are recorded digitally through the university's administrative systems, enabling data-driven analysis and targeted improvements.
- **Awareness and education:** Environmental awareness campaigns and student-led sustainability activities promote water conservation practices within the campus community, encouraging responsible behavior among students and staff.

Water Pollution Control

Deraya University actively addresses water pollution through strict internal protocols and reliance on municipal infrastructure. All contaminated water — including wastewater from laboratories, clinics, and other facilities — is drained into city-managed drainage systems, where it undergoes proper treatment off-site. Importantly, the university campus has no direct connection to any lake, the Nile River, or other natural water bodies, which inherently minimizes the risk of water pollution from campus operations. In addition to infrastructure controls, the university has implemented policies and awareness programs that emphasize water conservation and educate students on the significance of preventing water pollution at its source. These programs focus on proper chemical disposal, segregation of hazardous materials, and responsible water use in laboratories and clinics.



Alignment with Sustainable Development Goals

Deraya University's water conservation initiatives contribute directly to the following United Nations Sustainable Development Goals:



• **SDG 3 (Good Health and Well-being):**

Promoting health and well-being through safe water access and proper sanitation.



• **SDG 4 (Quality Education):**

Supporting education for sustainability by integrating water management topics into student projects and environmental campaigns.



• **SDG 6 (Clean Water and Sanitation):**

Ensuring sustainable water management, efficient use, and responsible consumption.



• **SDG 11 (Sustainable Cities and Communities):**

Building resilient and sustainable campus infrastructure.



• **SDG 12 (Responsible Consumption and Production):**

Encouraging responsible water consumption and operational efficiency.



• **SDG 13 (Climate Action):**

Contributing to climate adaptation through water conservation strategies in an arid region.



• **SDG 17 (Partnerships for the Goals):**

Strengthening partnerships with local authorities and water service providers for better resource governance.



Waste Management

Overview and Strategic Approach

Deraya University recognizes waste management as a critical component of environmental sustainability and institutional responsibility. Serving approximately 6,038 students and 600 academic and administrative staff across four faculties — Pharmacy, Dentistry, Physical Therapy, and Business Administration — the university generates significant volumes of paper, plastic, organic, and hazardous waste through continuous academic, clinical, and administrative operations. In response, the university has developed a multi-pronged waste management strategy centered on waste segregation, recycling partnerships, digital transformation, and behavioral change. These efforts align directly with SDG 12 (Responsible Consumption and Production) and SDG 13 (Climate Action), while contributing to SDG 3 (Good Health and Well-being), SDG 11 (Sustainable Cities and Communities), and SDG 17 (Partnerships for the Goals).

Rather than making exhaustive claims, the university presents below the available data for the 2025–2024 academic year, alongside a clear articulation of programs implemented and areas identified for future enhancement.

Programs to Reduce Paper and Plastic Consumption

Deraya University has implemented several targeted initiatives to reduce paper and plastic usage across all faculties and administrative departments. These programs combine digital transformation, procurement policies, and awareness campaigns.

Digital Transformation and Paperless Operations

The university has shifted predominantly to online platforms, including the Student Information System (SIS), ERP system, and Microsoft 365 Educational Suite. Examinations, attendance sheets, grade submissions, and administrative forms are now largely digital. This transition has produced a notable decrease in A4 paper and bubble sheet consumption.



Electronic Communication and Archiving

Official correspondence, reports, and memos are now processed digitally through secure portals, minimizing the need for printed copies and physical archiving. Faculty members are encouraged to use digital signatures and cloud-based document storage.

Eco-Friendly Printing Policy

Printers across campus are configured for double-sided and grayscale printing by default. The IT Department monitors print volumes through a centralized network to discourage unnecessary printing.

Awareness and Education Campaigns

Sustainability clubs and academic departments conduct awareness drives such as “Think Before You Print” and “Plastic-Free Campus Week,” engaging the university community through posters, workshops, and digital campaigns.

Hazardous and Toxic Waste Management

With the operation of Pharmacy, Dentistry, and Physical Therapy clinics, Deraya University has implemented protocols for the safe handling, segregation, and disposal of toxic and biomedical waste. During the 2023–2024 academic year, the university generated an estimated 2,500 kg of toxic waste, representing a reduction of 100 kg compared to the previous year (2,600 kg).



Toxic Waste Generation and Treatment (kg)

Type of Waste	Last Year	This Year	Reduction	Down Cycled
Toxic (Total)	2,600	2,500	100	600
– Laboratory Chemicals	2,090	2,000	90	100

Key management practices include:

- **Dentistry Clinics**

generate biohazard and chemical waste from sterilization materials, amalgam residues, and dental cast molds, now managed through segregation and controlled disposal.

- **Pharmacy and science laboratories**

generate chemical waste from experimental procedures, which is neutralized or transferred for safe disposal according to Egyptian environmental and health standards.

- **Electronic waste**

(outdated computers, batteries, laboratory devices) is collected.



Sewage and Wastewater

Deraya University acknowledges that, due to current limitations of the city's municipal infrastructure, sewage from the university is discharged into public waterways without prior treatment, as the regional system lacks preliminary processing facilities. However, the university maintains strict internal controls to ensure that all wastewater released from campus operations is non-toxic and free from hazardous substances. The university's Environmental Health and Safety (EHS) protocols emphasize proper waste segregation, chemical containment, and safe disposal practices to prevent harmful materials from entering the sewage system.

Earth Day 2026: Awareness Campaign and Student Competition

On April 2026 ,22, Deraya University commemorated Earth Day through a coordinated institutional effort involving the Student Activities Department, the University Student Union, and all student families. The celebration coincided with the ongoing Deraya Green Impact Competition and was conducted under the supervision of Prof. Dr. Irene Atef, Vice President for Community Service and International Affairs.

The primary objective of the Earth Day activities was to raise awareness among students regarding sustainable resource consumption, plastic reduction, and positive environmental behavior within the campus. Rather than relying solely on lectures, the university adopted an interactive, **student-led model that included:**

- **Decorative installations**

- **Handmade educational posters and drawings**

- **Targeted awareness campaigns**

using environmentally themed and recycled materials placed across campus.

drawings focused on sustainability and environmental protection.

addressing three core themes:

- Rationalization of resource consumption (energy and water);
- Reduction of single-use plastics;
- Adoption of positive environmental behaviors within the campus community



• A student competition



encouraging innovative ideas related to recycling, paper reduction, and plastic waste minimization, with winners recognized during the Earth Day ceremony.

The event was organized in coordination with relevant university departments — including Facilities, Engineering, and Security — to ensure integrated efforts and a successful outcome consistent with Deraya University's reputation and community mission. Weekly preparatory meetings were held with student families to discuss activity proposals, implementation mechanisms, role distribution, and progress tracking leading up to the event.

- Reinforcing behavioral change among students regarding paper and plastic use.
- Providing a platform for student-led innovation in recycling and waste minimization.
- Demonstrating institutional commitment to environmental awareness as part of the academic calendar.



Alignment with Sustainable Development Goals

Deraya University's waste management initiatives contribute directly to the following United Nations Sustainable Development Goals:

	•SDG 3 (Good Health and Well-being)	Ensuring safe handling of hazardous and biomedical waste
	•SDG 4 (Quality Education):	Promoting sustainability education and student engagement through awareness campaigns.
	•SDG 6 (Clean Water and Sanitation):	Preventing pollution and protecting water quality through proper waste segregation.
	•SDG 8 (Decent Work and Economic Growth):	Supporting local economic development through recycling partnerships and job creation.
	•SDG 11 (Sustainable Cities and Communities):	Fostering innovation through planned ICT-based waste tracking systems.
	•SDG 9 (Industry, Innovation, and Infrastructure):	Creating a sustainable and clean campus environment.
	•SDG 11 (Sustainable Cities and Communities):	Reducing waste generation and promoting recycling and circular economy principles.
	•SDG 12 (Responsible Consumption and Production):	Lowering emissions through reduced paper production and efficient waste practices.
	•SDG 17 (Partnerships for the Goals):	Strengthening collaborations with local waste.



Transportation

Vehicle Inventory and Campus Population Ratio

Deraya University maintains a controlled vehicle entry system to manage traffic and reduce emissions within the campus. The total number of vehicles accessing the campus regularly includes 29 university-owned cars, 105 private cars entering daily, and 47 motorcycles, bringing the total to 138 vehicles. With a total campus population of approximately 6,638 individuals (including 6,038 students and 600 academic and administrative staff), the vehicle-to-population ratio is approximately 2.1 vehicles per 100 persons, reflecting the university's success in limiting private vehicle dependency.

Vehicle Inventory

Vehicle Type	Total Number
University-owned cars	29
Private cars entering daily	105
Motorcycles entering daily	47
Total	138

Sustainable Shuttle Bus System

Deraya University, in collaboration with a local bus agency, operates a sustainable transportation service for students, academics, administrators, cleaning staff, and visitors to the physical therapy and dentistry clinics. The university provides 32 buses that connect the campus with key residential areas and city locations, significantly reducing the need for private car use. Priority is given to bus transport over individual shuttles to minimize environmental impact while enhancing accessibility for all community members. This system has proven effective in reducing traffic congestion and lowering fuel-related emissions.



Reduction in Private Vehicle Usage

Deraya University has implemented a deliberate strategy to limit private vehicle access to campus over the past three years. The total parking area has been reduced, with remaining spaces designated primarily for staff and essential service vehicles. Former student parking areas have been repurposed into green spaces and pedestrian zones, directly discouraging private car commuting. The results of this policy are measurable: in 2023, approximately 120 private vehicles were registered for campus entry. By 2024, this number dropped to 105 vehicles, representing a 12.5 percent reduction in private vehicle use within a single year. This decline directly contributes to lowering the university's overall carbon emissions.

Pedestrian Path Policy and Campus Layout



Deraya University has established a comprehensive pedestrian path policy designed with safety, accessibility, and sustainability as core principles. Dedicated pedestrian pathways are physically separated from vehicle roads using green belts, curbs, and barriers, ensuring that students, faculty, and visitors can walk without risk of encountering vehicles. The compact layout of the campus encourages walking as the primary mode of transportation, as all essential facilities — including academic buildings, administrative offices, and recreational areas — are strategically located to minimize the need for vehicular movement.

Accessibility is a central feature of pedestrian path design. Ramps with gentle slopes accommodate wheelchair users and individuals with limited mobility, while tactile guiding blocks assist visually impaired individuals in navigating the campus safely and independently. The pathways are equipped with energy-efficient LED streetlamps to ensure visibility during nighttime, supporting both safety and the university's commitment to reducing electricity consumption. The pathways also feature permeable surfaces and greenery to promote rainwater absorption and reduce runoff, aligning with the university's water conservation efforts.



Smart Transportation and Digital Integration

In 2024, Deraya University launched a smart transportation initiative in partnership with Google Maps, enabling real-time shuttle tracking via GPS. This digital service enhances safety, reliability, and transparency in the transport system, ensuring smoother commutes, better route management, and reduced waiting times. The integration of ICT-based transportation management represents a significant step toward data-driven operational efficiency and supports the university's commitment to innovation in sustainability.

Contribution to Sustainable Development Goals

Deraya University's transportation initiatives contribute directly to multiple United Nations Sustainable Development Goals, as outlined below:



•SDG 3 (Good Health and Well-being):

Reducing exposure to vehicular pollution and promoting safe commuting options.



•SDG 4 (Quality Education):

Providing reliable, inclusive, and affordable transportation for all students.



•SDG 7 (Affordable and Clean Energy):

Integrating digital route optimization that minimizes fuel consumption.



•SDG 9 (Industry, Innovation, and Infrastructure):

Adopting ICT-based transportation systems including GPS and Google Maps tracking.



•SDG 11 (Sustainable Cities and Communities):

Building a low-carbon, accessible mobility network around the campus.

•SDG 12 (Responsible Consumption and Production):

Reducing private vehicle usage and promoting shared transport.

•SDG 13 (Climate Action):

Achieving carbon emission reduction through sustainable commuting practices.

•SDG 17 (Partnerships for the Goals):

Collaborating with external partners such as Google Maps and the local bus agency.



ENGAGEMENT

Overview and Strategic Approach

Deraya University recognizes that sustainability extends far beyond campus operations and academic curricula. True institutional sustainability requires active engagement with students, staff, faculty, and the broader community in Minia Governorate and beyond. The university's engagement strategy rests on five interconnected pillars: health and well-being (through medical convoys, screening initiatives, and psychological counseling), student empowerment (through university families, sports, and competitions), community outreach (through charitable activities and awareness campaigns), global partnerships (through international academic collaborations and research exchanges), and institutional governance (through policies promoting gender equality and support for people of determination). Collectively, these efforts directly support multiple United Nations Sustainable Development Goals, including SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 5 (Gender Equality), SDG 10 (Reduced Inequalities), SDG 11 (Sustainable Cities and Communities), SDG 16 (Peace, Justice and Strong Institutions), and SDG 17 (Partnerships for the Goals).



Health and Well-Being: Medical Convoys and Screening Initiatives

Deraya University has demonstrated an unwavering commitment to community health through an extensive program of medical convoys and preventive screening initiatives. Under the umbrella of the «Noun» initiative, launched by the ESRC in collaboration with Baheya Hospital, the National Council for Women, the Minia Oncology Centre, and various presidential health initiatives, the university has delivered free healthcare services to thousands of beneficiaries across underserved villages in Minia Governorate.

The «Noun» initiative adopts an integrated approach combining health awareness, early detection, and direct access to medical services. Key campaigns conducted between 2024 and 2026 include a breast cancer early detection campaign serving 350 women, a fatty liver and metabolic syndrome screening campaign serving 530 participants with free blood sugar, cholesterol, triglyceride, and blood pressure testing, and multiple women's health awareness sessions in partnership with the National Council for Women serving over 250 women. A mobile medical bus provided by the presidential women's health program visited the campus, offering advanced screening services to 136 women. The university has also collaborated with the Minia Oncology Centre to deliver specialized lectures on breast cancer awareness, and participated in the third annual Cancer Warriors Conference, which featured comprehensive screenings for chronic diseases and cancer alongside awareness activities.



A comprehensive early detection campaign was implemented under the «Noun» initiative, targeting university employees and the surrounding community. The campaign was conducted under the supervision of the ESRC in collaboration with the Egyptian Society for Metabolic and Fatty Liver Disease and the Ministry of Health. A distinguished team of specialized physicians participated, including Dr. Yasser Mohrous Fouad, Dr. Alaa Mohamed Mostafa, Dr. Safaa Abdel Halim from the Minia University Liver Hospital, and Dr. Aliaa Gamal, initiative coordinator at the Minia Health Directorate.

The campaign offered a comprehensive suite of free medical tests and screenings, including Hemoglobin A1c testing, lipid and cholesterol panels, liver and kidney function tests, complete blood count, women's health checkups, ultrasound examinations, blood pressure measurement, and Body Mass Index calculation. The initiative aimed to highlight the importance of regular screening for fatty liver disease, a silent but potentially serious condition, and to encourage the community to adopt proactive health management practices.



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Beyond the «Noun» initiative, the Faculty of Dentistry has conducted numerous dental convoys across Minia villages. Notable examples include a convoy to Abou Yacoub village serving 60 adults and 100 children, a convoy to Kafr Libs village serving 80 patients with 80 toothbrushes and toothpaste distributed, a convoy to Ezbet Aser village serving 60 patients, and a convoy to El Shamikha village serving 80 patients. A convoy to Domon Ezbet El Massas school served 145 children with toothbrushes and educational materials. These convoys provided diagnosis, treatment, and oral health education, directly contributing to SDG 3 (Good Health and Well-being) and SDG 10 (Reduced Inequalities).

The Faculty of Physical Therapy's outpatient clinics have been a cornerstone of community health service. Between September 2024 and August 2025, the clinics provided a total of 16,657 physiotherapy sessions, including both free educational sessions (15,037 sessions) and nominal-fee economic sessions (1,620 sessions). Services spanned orthopedic physiotherapy (approximately 6,300 sessions), neurological rehabilitation (2,500 sessions), pediatric physiotherapy (3,200 sessions), dermatological and burn care (900 sessions), and women's health (350 sessions). Monthly session volumes ranged from approximately 1,600 to 1,800 sessions, reflecting consistent community demand. In the 2026–2025 academic year, total sessions reached 13,590 across orthopedics (6,579 sessions), neurology (2,182 sessions), pediatrics (2,139 sessions), dermatology (1,027 sessions), and women's health (453 sessions).



194K

اجمالي ايراد الاقتصادي

146 1667

اجمالي ايراد التعليمي

107K

اجمالي ايراد الاعصاب

الاقتصادي (جلسات & ايراد)

Year-Month	Sum of تقييم	Sum of جلسات يومية	Sum of الازداد
2025 سبتمبر	24	270	30650
2025 أكتوبر	35	304	36285
2025 نوفمبر	16	212	25675
2025 ديسمبر	17	239	28550
2026 يناير	2	82	8900
2026 فبراير	10	111	12200
2026 مارس	14	153	17050
2026 أبريل	18	143	17400
2026 مايو	10	153	17225
Total	146	1667	193935

تعليمي (جلسات & ايراد)

Year-Month	Sum of تقييم	Sum of جلسات يومية	Sum of الازداد
2025 سبتمبر	250	1796	1618
2025 أكتوبر	279	1774	1505
2025 نوفمبر	279	1800	1554
2025 ديسمبر	224	1862	1604
2026 يناير	125	1269	1067
2026 فبراير	157	1196	1021
2026 مارس	148	964	827
2026 أبريل	152	836	736
2026 مايو	154	883	801
Total	1768	12380	10733

اجمالي ايراد الاعصاب

Category	Value	Percentage
Sum of الازداد	193935	53%
Sum of الاعصاب...	18620	18%
Sum of الجسد والاعضوية	12269	12%
Sum of الاطفال	36285	17%
Sum of صحة المرأة	8900	4%

A student-led podcast series, «Small Talks,» was launched by the Deraya Pharmacy Team to discuss challenges and opportunities in the pharmacy profession.





The university has launched targeted health awareness campaigns on specific conditions. A thalassemia awareness campaign educated students and the community about this hereditary blood disorder and the importance of pre-marital screening. An oral ulcers awareness and self-assessment campaign, organized by the Faculty of Dentistry's Oral Pathology Department in May 2026, reached patients and students across campus. On World Oral Health Day (April 2026 ,7), the Faculty of Dentistry organized a comprehensive awareness event under the theme «A Healthy Mouth... A Confident You.» sponsored by Haleon (Sensodyne), Signal, and Johnson & Johnson, featuring educational flyers, toothbrush and toothpaste distribution, and interactive sessions with visiting school children.



In the realm of non-communicable disease prevention, the university launched a «No to Smoking» initiative through its «Health Ambassadors» program, featuring awareness sessions on tobacco risks and smoking cessation support. A separate campaign targeting diabetes and hypertension awareness was conducted in partnership with the presidential initiatives team, providing screening and lifestyle modification guidance.

«Over 2,000 community members received free health screenings through Deraya University's medical convoys in 2026–2024»

Contribution to SDGs:

- SDG 3 (Good Health and Well-being) – Free medical services, screening, and health education
- SDG 10 (Reduced Inequalities) – Reaching underserved rural populations





Mental Health and Psychological Counseling

Deraya University places exceptional emphasis on mental health as an integral component of student well-being and academic success. The Psychological Counseling Center, operating under the supervision of qualified mental health professionals, provides confidential counseling services, psychiatric consultations, and ongoing therapeutic support to students, faculty, and staff.

During each quarter, the center manages an average of 137 cases, distributed as follows: approximately 39 percent are new cases receiving initial assessment and intervention, 8 percent are family consultations supporting the families of students in treatment, and 5 percent are administrative staff and faculty members. The remaining cases represent returning students in continued therapy. The center also provides pharmacological treatment and medical follow-up for cases requiring psychiatric intervention, with documented improvement rates exceeding 70 percent for students presenting with suicidal ideation.

A notable innovation in service delivery is the weekly WhatsApp-based workshop, held every Friday with 23 participating students, focused on reading and discussing a specialized text on managing suicidal thoughts, addressing hopelessness, and reducing emotional pain. This initiative serves to reduce the stigma associated with seeking help and to enhance students' ability to manage psychological distress independently.

The center collaborates closely with the Academic Support Center to ensure integrated service delivery. Students who engage consistently with psychological counseling show marked improvement in academic performance, with documented cases of students progressing from academic probation to successful completion and graduation. The center also manages emergency cases, including suicide attempts, through structured action plans, continuous follow-up, and family guidance and support. At graduation ceremonies, the center provides commemorative gifts to students who have demonstrated exceptional perseverance and commitment to their mental health journey.

Contribution to SDGs:

- SDG 3 (Good Health and Well-being) – Mental health services and suicide prevention
- SDG 4 (Quality Education) – Removing psychological barriers to academic success



Student-Led Initiatives: University Families

Deraya University's student family system is a distinctive feature of campus life, empowering students to design and implement initiatives addressing health, education, community service, and environmental sustainability. Between 2022 and 2026, student families conducted hundreds of activities engaging thousands of students and community members.

FOC Family (Fighters of Cancer)

has organized cancer awareness, support, and community outreach. The family organized the third annual Cancer Warriors Conference in April 2026, held under the theme «Enhancing Sustainable Health: Empowering the Community to Confront Cancer with Awareness and Impact,» with the attendance of the Governor of Minia.

The family has also conducted numerous field visits. A visit to Hospital 57357 allowed students to learn from pediatric cancer patients and understand the critical role of pharmacists and healthcare providers in cancer care. In partnership with the National Council for Women – Minia Branch, the family organized a field visit to the village of Safat El Laban, which included a medical convoy inside a local school and an awareness tour among residents. The convoy featured awareness sessions on breast cancer and the importance of early detection, along with free blood pressure and blood sugar screening services, reflecting a shared commitment to community health and women's well-being. Additionally, the family has organized educational visits for students to pharmaceutical industry facilities, including Utopia Pharmaceuticals, EPICO, Rameda where students toured production lines, observed global quality standards in drug manufacturing, and gained practical insights into the pharmaceutical industry's operations.





Hayah Family

focused on health awareness and scientific education. Notable activities include an ADHD awareness and support initiative implemented in partnership with the Minia Governorate's Women, Motherhood and Childhood Department, serving approximately 70 children through early detection testing and parent education sessions.

Happiness Makers Family

has been particularly active in community service, organizing 31 distinct activities between 2022 and 2025. These include 11 purely medical convoys serving villages such as Nazlet Hussein, El Sharfa, Abda Youssef, El Gezira, El Azima, Ezbet El Nakhl, El Hema, Abu Shihata, Damshawi Hashim, and Beni Ammar, collectively reaching thousands of residents with blood pressure and blood sugar testing, medical consultations, and health education. The family also organized 12 charitable convoys distributing clothing, blankets, and food aid, along with 5 mixed medical-charitable convoys. Ramadan food box distribution reached 241 families across 2024 and 2025, while Iftar meals totaled 760 servings. Infrastructure projects included installation of water connections (totaling 28 linear meters) and construction of four roofs for vulnerable families. The family also organized three orphanage visits and two charity bazaars featuring 27 student projects in 2023 and 28 exhibitors in 2024.





Kaizen Family

focused on skills development through workshops on time management, first aid, presentation skills, and English language. An orientation day welcomed new members, and a visit to the Minia Oncology Centre provided clinical exposure for physical therapy and pharmacy students.

Be Positive Family

organized an annual conference («CAMA») featuring speakers from Egyptian national team physiotherapy and leading sports clubs, attracting 450 attendees. The family also conducted orientation activities and presentation skills workshops.



Business Power Family

organized professional development workshops and general meetings engaging 80 students



Youth and Sustainability Family

organized a Climate Art Exhibition themed «Art for Climate Change,» highlighting the intersection of creative expression and environmental awareness.

In addition to the student family activities, the Faculty of Pharmacy organized a student exhibition showcasing innovative products made from 100 percent organic and natural materials. Under the supervision of the Centre for Research and Sustainability, students presented a range of creative products including natural candles, anti-hair loss shampoos, and other health and beauty items derived from natural resources. This exhibition reflected the university's commitment to encouraging student innovation, promoting the sustainable use of natural resources, and integrating sustainability principles into practical, market-ready applications.





Contribution to SDGs:

- **SDG 3** (Good Health and Well-being) – Medical convoys, cancer awareness, ADHD support
- **SDG 4** (Quality Education) – Skills development workshops
- **SDG 11** (Sustainable Cities and Communities) – Community service and infrastructure support
- **SDG 13** (Climate Action) – Environmental art exhibition

4.5 Sports, Recreation, and Student Competitions

Deraya University maintains a comprehensive sports program serving thousands of students annually. Participation in student activities grew from 3,250 students in 65) 2024 percent of total enrollment) to 4,539 students in 74.8) 2025 percent of total enrollment), representing a year-over-year increase of 14.9 percent.

The university's sports facilities include a multi-sport complex accommodating football, volleyball, basketball, handball, padel, table tennis, billiards, chess, and a fully equipped gymnasium. Evening sports activities operate on designated days for male and female students, with an average of 75 students participating weekly.

The university actively participates in the Egyptian Universities Sports Federation tournaments (Tournament No. 53). Notable achievements in 2026–2025 include first place in religious chanting, first place in chess, first place in the Ideal Student competition, second place in individual singing, second place in table tennis, third place in musical performance, third place in the Ideal Student (female), third place in basketball, and third place in Quran recitation at the G-Force Student Activities Forum hosted by Galala University.

Student athlete Amir Ata achieved exceptional success in parasports, winning gold medals in the -100meter and -200meter races at the Republic Championship for Universities (People of Determination), winning first place at the African Paracycle Championship in Nigeria (silver medal), and winning first place at the African Track Cycling Championship and the Arab Cycling Championship. These achievements represent the university's commitment to inclusion and equal opportunity for students of determination.



Student athlete Sherine Ahmed Sayed, from the Faculty of Physical Therapy, achieved first place at the African Triathlon Championship, first place at the Arab Triathlon Championship, and second place at the African Triathlon Championship in subsequent competitions.

The university organizes numerous internal tournaments, including a football league with 37 teams (296 students) in 2024 and 32 teams (256 students) in 2025, padel leagues, volleyball leagues, table tennis, billiards, chess, and a -100meter sprint competition. Ramadan tournaments were held across faculties in March 2025 and March 2026, fostering community spirit during the holy month.

Cultural and recreational activities complement the sports program. Student trips included visits to Dream Park and Mall of Egypt (90 students), the Bibliotheca Alexandrina (90 students), the Grand Egyptian Museum and Giza Pyramids (44 students in December 30, 2025 students in January 2026, and 71 staff members in January 2026), the Cairo International Book Fair (30 students in 60, 2025 students in 2026), and Dahab for graduating students (42 students from the Faculty of Business Administration). The university also organized a staff trip to the Grand Egyptian Museum for 71 administrative employees.

The university celebration of its 16th anniversary in April 2026 featured an art exhibition, sports tournaments (football, -100meter sprint, table tennis, chess), and the third Cancer Warriors Conference. Earth Day 2026 was marked by the Deraya Green Impact Competition, where students proposed practical, low-cost environmental initiatives for the campus and surrounding community.



Contribution to SDGs:

- **SDG 3** (Good Health and Well-being) – Physical activity and sports participation
- **SDG 4** (Quality Education) – Holistic student development
- **SDG 10** (Reduced Inequalities) – Inclusion of students of determination in sports

4.6 Awareness Campaigns

Deraya University conducts regular awareness campaigns addressing environmental, health, and social issues. On World Environment Day 2026, students organized workshops, educational posters, and recycling activities under the theme «Green Impact.» The «No to Smoking» campaign, launched through the Health Ambassadors initiative, educated the community on tobacco risks and supported smoking cessation. A campaign on electronic blackmail and digital violence against women was conducted in partnership with the National Council for Women, reaching students and local school children. The university also participated in the national anti-corruption day, reinforcing values of transparency and integrity.

A cultural seminar discussing the book «Most Famous Pharaohs» Myths» was held at the Central Library, featuring Professor Dr. Ahmed El Talawy from Minia University, attracting faculty, staff, and students.

Contribution to SDGs:

- **SDG 4** (Quality Education) – Health and environmental literacy
- **SDG 5** (Gender Equality) – Anti-violence campaign
- **SDG 12** (Responsible Consumption) – Recycling and waste awareness
- **SDG 13** (Climate Action) – World Environment Day activities
- **SDG 16** (Peace, Justice and Strong Institutions) – Anti-corruption awareness

COMMUNITY OUTREACH AND CHARITABLE ACTIVITIES



Beyond medical convoys, Deraya University engages in broader community outreach through the «EMYSD» initiative (Empowering Minya Youth for Sustainable Development), endorsed by UNESCO as part of the International Decade of Sciences for Sustainable Development (–2024 2033) in collaboration with ESRC. A cooperation protocol was signed between the university and Minia Governorate to launch this initiative, which focuses on disseminating awareness of sustainable development, implementing community convoys and activities, building youth and volunteer capacities, and enhancing community participation within the governorate.



The university also signed a cooperation protocol with the AUEED Association for Education and Development to exchange expertise and implement joint programs serving community development.

The university participated in the national initiative «Together with Awareness We Protect,» aimed at raising awareness among four million citizens across Egyptian governorates, focusing on countering misinformation, strengthening trust between citizens and local institutions, and supporting community partnerships.

The Student Union organized a Ramadan Iftar for 700 students in February 2026, with additional faculty-specific Iftars for the Faculties of Dentistry (350 students), Physical Therapy (200 students), Pharmacy (350 students), and Business Administration (180 students). A winter camp, «Smart Path,» was offered by the Continuing Education Center, providing free training on professional skills, artificial intelligence applications, marketing, business English, and human resources.



Contribution to SDGs:

- SDG 1 (No Poverty) – Food aid and charitable distributions
- SDG 2 (Zero Hunger) – Ramadan Iftar meals and food boxes
- SDG 4 (Quality Education) – Free professional training
- SDG 11 (Sustainable Cities and Communities) – Community development partnerships
- SDG 17 (Partnerships for the Goals) – Multi-stakeholder collaboration



CONFERENCES, WORKSHOPS, AND SCIENTIFIC EVENTS



Deraya University has established itself as a hub for scientific exchange through the organization of numerous international and national conferences. The Faculty of Physical Therapy organized the Sixth International Conference of Physical Therapy under the theme «Physiotherapy – Inspiring Better Health,» featuring experts and researchers discussing the latest developments in the field. Concurrent workshops included «Ankle Sprain °360: A Full Spectrum Rehabilitation Approach,» presented by the faculty's teaching assistants.

The Faculty of Dentistry organized the First International Dental Conference (DUDC 25), bringing together dental experts from around the world. The faculty also hosted a delegation from the University of Michigan, conducting workshops on digital scanning, design, 3D printing, and Digital Smile Design. A separate workshop on aligner technology and dental photography was delivered to a visiting student delegation from Aqaba University of Medical Sciences (Jordan). The faculty also organized a Crown Preparation Competition and a «Revolution of Digital Prosthodontics» scientific day.





The Faculty of Pharmacy organized «Future Pharmacy Day 2025» in collaboration with EPSF and FPA, featuring lectures from industry experts and partnerships with major pharmaceutical companies including EIPICO, LEAP, UTOPIA, and BOSTON. The faculty's Deraya Pharmacy Team launched a student podcast series, «Small Talks,» addressing challenges in the pharmacy profession. The team also organized a scientific day on research ethics and a visit to Utopia Pharmaceuticals to observe manufacturing processes and quality standards.

The Faculty of Business Administration hosted Dr. Anh Nguyen from the University of Bamberg, Germany, under the Africa-Bavaria Tandem Mobility program, delivering a lecture on global entrepreneurship and pathways for Egyptian students to pursue opportunities in Germany. Separate lectures addressed AI adoption and digital entrepreneurship intentions among Egyptian and German students.





The Psychological Counseling Center facilitated a workshop on «Personal and Social Healthy Relationships and Toxic Relationships and Their Impact on Mental Health.» The Central Library hosted a discussion of the book «Your Psychological Complexes Are Your Eternal Prison,» combining perspectives from medicine, psychology, sociology, and philosophy.

The Research Office organized a workshop on «Scientific Writing and Ethical Considerations in Scientific Research,» presented by Professor Nora Abo Rahab, who has been ranked among the top 2 percent of scientists worldwide by Stanford University.

The university also participated in the NASA Space Apps Challenge during World Space Week, with students achieving three advanced positions in this global innovation competition.





The ESRC at Deraya University has organized and hosted a series of workshops between 2024 and 2026, complementing the university's broader engagement strategy.

On April 2024, 20, ESRC organized an Entrepreneurship Workshop in partnership with the Banking Institute, attended by 600 participants. The workshop aimed to foster a culture of entrepreneurship and innovation among students and encourage them to develop new project ideas.

On September 2024, 21, a workshop on Cultural Diversity and Sustainable Development was conducted in collaboration with the Goethe Institute, attended by 51 participants. The workshop enhanced awareness of cultural diversity and its role in supporting sustainable development within the university community.





On September 2024 ,22, a workshop on Governance and Sustainable Development was held in partnership with the National Institute for Governance, attended by 63 participants. The workshop focused on promoting governance concepts and sustainable development principles among academic and administrative leadership.



On November 2024 ,23, ESRC organized the Pro Recognition Workshop, attended by 125 participants, aimed at enhancing professional recognition opportunities and international collaboration in education and development.



On April 2025 ,6, a diabetes awareness initiative was conducted, reaching approximately 150 participants, educating the community on diabetes prevention through healthy nutrition and lifestyle management.

On October 2025 ,26, ESRC organized an orientation session on Entrepreneurial Graduation Projects, encouraging students to develop innovative, sustainability-linked projects aligned with market needs.

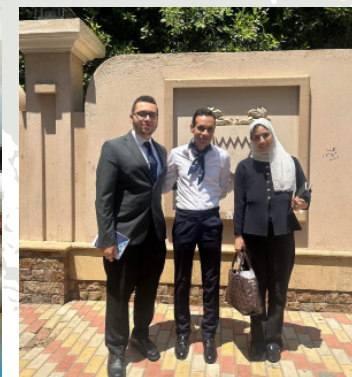
On November 2025 ,10, ESRC hosted an informational session on the Cisco Global Citizen Award, introducing students to opportunities for participation in global initiatives and leadership development.

INTERNATIONAL PARTNERSHIPS AND GLOBAL ENGAGEMENT



Deraya University has significantly expanded its international footprint through strategic partnerships with leading global institutions. The university has signed memoranda of understanding with four prestigious American universities: the University of Iowa, the University of Michigan, the University of North Carolina, and the University of Texas Medical Branch at Galveston. These agreements facilitate faculty and student exchange, joint research, and clinical training opportunities.

The university hosted the European Union Ambassador to Egypt, Angelina Eichhorst, as part of the EU-Egypt Research and Innovation Week, reflecting the university's role in international research collaboration.



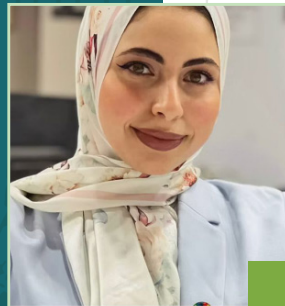
A student delegation from Aqaba University of Medical Sciences (Jordan) visited Deraya University for five days, participating in workshops on intraoral scanning, digital design, 3D printing, and Digital Smile Design. This visit strengthened academic and student exchange ties between the two institutions.



Two members of the Deraya community were honored by the US Embassy in Cairo as graduates of the International Visitor Leadership Program (IVLP), a prestigious initiative of the US Department of State.



Dr. Sally Mohsen,
Executive Director of Executive Education, participated
in the Higher Education Partnerships program.



Dr. Yasmin Hamdy
2022 graduate of the Faculty of Pharmacy currently
serving at the UN Office for Disarmament Affairs in Vienna,
participated in the Youth and Civic Engagement program

Both honorees have committed to sharing their acquired knowledge and facilitating connections with institutions visited during their programs.



In addition, Dr. Aliaa Gamal Hussein, a 2022 graduate of the Faculty of Pharmacy and currently a teaching assistant in the Clinical Pharmacy Department at Deraya University, has been selected as an ambassador in the World Health Organization's One Health program. Dr. Aliaa was chosen from among 200 applicants as one of only 40 candidates to participate in the WHO training program on the One Health approach, hosted at Alexandria University. This achievement represents the first training collaboration between Deraya University and the World Health Organization, underscoring the university's commitment to preparing capable graduates who can advance sustainable



Associate Professor Nourhan Hisham Shady, Chairperson of ESFR, was the first to obtain the Certified Incubation Manager accreditation from the University of Missouri, USA. This professional certification enhances the university's capacity to support student entrepreneurs and strengthens its position in the entrepreneurship and innovation landscape.



Dr. Karim Rajab from the Faculty of Business Administration was awarded a research mobility grant from the Bavaria-African Research Alliance (BayFOR) in Germany, conducting a research visit to the University of Bamberg and hosting Dr. Anh Nguyen at Deraya University. The project examines the impact of AI adoption on student intentions toward digital entrepreneurship in Egypt and Germany.

The university has also strengthened regional partnerships, including with the AUEED Association for Education and Development, the Fund for Combating and Treating Addiction, and various Egyptian universities including Minia University, Assiut University, and Sohag University.



SUPPORT FOR PEOPLE OF DETERMINATION (STUDENTS WITH DISABILITIES)

Deraya University is committed to inclusion and equal opportunity for students of determination. This commitment is demonstrated not only through campus infrastructure (accessible ramps, elevators, and restrooms as detailed in Section 3.1) but also through active support for student achievement in sports and academics.

Student Amir Ata, a student of determination from the Faculty of Pharmacy, has achieved exceptional success in parasports, representing Egypt and Deraya University at African and Arab championships. His achievements include gold medals in the -100meter and -200meter races at the Republic Championship, first place at the African Paracycle Championship (silver medal), first place at the African Track Cycling Championship, and first place at the Arab Cycling Championship.

The university's sports program actively recruits and supports students of determination, ensuring their full integration into team sports and individual competitions. The Psychological Counseling Center provides tailored support for students with disabilities, working in coordination with the Academic Support Center to remove barriers to academic success.



GENDER EQUALITY AND WOMEN'S EMPOWERMENT



Deraya University maintains a strong commitment to gender equality, reflected in institutional policies, student activities, and community outreach. The university has established a Women's Anti-Violence Unit (operational since July 2024), which provides support and resources for women experiencing violence, raises awareness of legal protections, and coordinates with the National Council for Women. The unit organized awareness sessions on electronic blackmail and digital violence, reaching both university students and local school children.



In partnership with CARE International Egypt and the National Council for Women – Minia Branch, the university launched the «Balleghi bi Aman» (Report Safely) campaign, aimed at raising awareness about violence against women and providing safe and confidential reporting mechanisms. The campaign encourages women to report violence without fear and informs them of their legal rights and available support services.

Additionally, members of the Women's Anti-Violence Unit have received specialized training through programs offered by the National Council for Women, equipping them with the skills and knowledge to effectively support survivors of violence and manage cases with professionalism and sensitivity.



The unit also organized an awareness campaign addressing electronic blackmail and digital violence against women, in partnership with the National Council for Women. The campaign featured an awareness seminar discussing the types of blackmail women may face, their legal rights, and methods for confronting such situations with confidence. The seminar reached university students and local school children, reinforcing the message that support is available confidentially through the unit's dedicated email address: cvaw@deraya.edu.eg.



The university has implemented a zero-tolerance policy for discrimination and harassment, with clear reporting mechanisms and investigative procedures.

The «Nour» initiative specifically targets women's health through breast cancer early detection campaigns and women's health awareness sessions. The university's partnership with the National Council for Women has facilitated multiple health convoys serving women in underserved villages, with transportation provided by the university to ensure access to follow-up care at university clinics. Women's leadership is evident throughout the university's administration, including the Vice President for Community Service and International Affairs, deans of multiple faculties, and directors of key centers. The university actively encourages female student participation in all activities, with female students achieving recognition in chess, table tennis, ideal student competitions, and Quran recitation.





Contribution to SDGs:

- **SDG 5 (Gender Equality)** – Anti-violence unit, «Balleghi bi Aman» campaign, women's health initiatives, female leadership
- **SDG 10 (Reduced Inequalities)** – Access to health services for women in underserved areas
- **SDG 16 (Peace, Justice and Strong Institutions)** – Protection from violence and access to justice



Deraya University, through its Continuing Education , has actively promoted entrepreneurship and small and medium enterprise development as pathways to sustainable economic growth. In partnership with the «Rewad El Nile» initiative, the university organized a major event targeting students of the Faculty of Business Administration, with over 300 students participating.

The event featured sessions and workshops covering idea generation, project establishment, feasibility studies, and awareness of financial and non-financial services available to emerging projects. This initiative aligns with the university's commitment to providing applied education and practical training opportunities that support youth aspirations to enter the entrepreneurship sector with strong supply chains and targeted markets.



Contribution to SDGs:

- SDG 4 (Quality Education) – Applied entrepreneurship training
- SDG 8 (Decent Work and Economic Growth) – SME development and job creation
- SDG 9 (Industry, Innovation and Infrastructure) – Supporting innovation and entrepreneurship



Deraya University's Faculty of Business Administration has implemented a comprehensive set of initiatives aimed at bridging the gap between academic learning and labor market requirements. These efforts directly support SDG 4 (Quality Education) and SDG 8 (Decent Work and Economic Growth).

Applied Student Projects Workshop

Under the leadership of Professor Dr. Abdel Hamid Abu Naam, Dean of the Faculty, and Professor Dr. Fathy El Tony, Vice Dean for Education and Student Affairs, the faculty organized a workshop to evaluate applied student projects and identify mechanisms for their development to meet labor market demands. The workshop focused on transforming innovative student ideas into viable business projects capable of competing in modern markets.





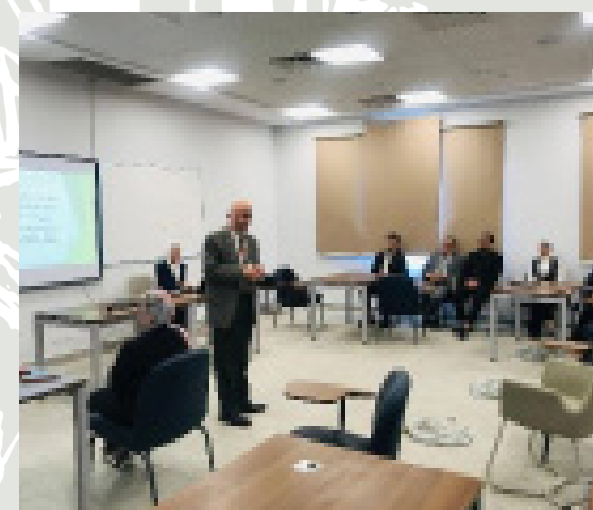
On-Job Training at Agricultural Bank of Egypt

On April 2026 ,1, the faculty's Training and Employment Unit organized an on-job training visit to the Agricultural Bank of Egypt in Minia Governorate. Led by Dr. Mamdouh El Halwani and Dr. Noha Moussa, a delegation of distinguished fourth-year students visited the bank's headquarters, where they were received by Dr. Mahmoud Rifai, the bank's director, and his team. Students were introduced to banking dynamics, daily operational procedures, the functional integration between departments, and client interaction mechanisms according to modern banking quality standards.



Internship and Employability Unit Workshop

On March 2026 ,31, the faculty held a workshop to launch the Internship and Employability Unit. Dr. Mamdouh El Halwani, the unit director, presented a comprehensive charter covering the unit's vision, mission, objectives, key performance indicators, organizational structure, and main activity areas. The unit serves as a bridge between the faculty and the external business community, providing full support for graduates seeking employment.





Strategic Planning Workshop with External Stakeholders

On February 2026 ,17-16, the faculty organized a strategic planning workshop attended by academic leadership, administrative staff, and external stakeholders including business owners and bank directors. Participants included representatives from the Commercial International Bank (CIB), Agricultural Bank of Egypt, National Bank of Kuwait, Canal Sugar Company, and Future Home. The workshop aimed to develop an ambitious strategic plan reflecting the faculty's vision and mission, aligned with labor market requirements, and enhancing the quality of educational and research processes.



Contribution to SDGs:

- SDG 4 (Quality Education) – Linking curricula to labor market needs
- SDG 8 (Decent Work and Economic Growth) – Employability training and internship opportunities
- SDG 9 (Industry, Innovation and Infrastructure) – Business-academia partnerships
- SDG 17 (Partnerships for the Goals) – Collaboration with banks and private sector



Deraya University's engagement activities collectively support multiple United Nations Sustainable Development Goals, as summarized below:

- **SDG 1 (No Poverty):** Food aid, charitable distributions, and Ramadan food boxes reaching hundreds of families
- **SDG 2 (Zero Hunger):** Iftar meals and food box distributions
- **SDG 3 (Good Health and Well-being):** Medical convoys (thousands of patients), physiotherapy clinics (over 16,000 sessions annually), mental health counseling (137 cases per quarter), cancer awareness campaigns, anti-smoking initiatives, and thalassemia awareness
- **SDG 4 (Quality Education):** Student workshops, professional training, international exchanges, scientific conferences, and skills development programs
- **SDG 5 (Gender Equality):** Women's Anti-Violence Unit, women's health initiatives, female leadership representation
- **SDG 8 (Decent Work and Economic Growth):** Career development workshops, entrepreneurship training, industry partnerships
- **SDG 9 (Industry, Innovation and Infrastructure):** Digital dentistry workshops, AI in education, research mobility grants
- **SDG 10 (Reduced Inequalities):** Medical convoys to underserved villages, support for students of determination, inclusive sports programs
- **SDG 11 (Sustainable Cities and Communities):** Community infrastructure projects (water connections, roofs), EMYSD initiative for youth empowerment
- **SDG 13 (Climate Action):** Earth Day activities, World Environment Day campaigns, Climate Art Exhibition, Green Impact Competition
- **SDG 16 (Peace, Justice and Strong Institutions):** Anti-corruption day, anti-violence campaigns, transparent governance
- **SDG 17 (Partnerships for the Goals):** MOUs with four US universities, partnership with Aqaba University (Jordan), collaboration with Baheya Hospital, National Council for Women, Minia Oncology Centre, Ministry of Health, and UNESCO-endorsed EMYSD initiative

GLOBAL FOCUS

Overview

Deraya University actively participates in multiple global ranking systems as a measure of institutional quality and sustainability performance. These include the Shanghai Global Ranking of Academic Subjects, Times Higher Education (THE) Impact Rankings, Webometrics, SCImago, and UI GreenMetric World University Rankings.

5.2 Shanghai Global Ranking

Deraya University's College of Pharmacy has been ranked among the top 500 pharmacy programs globally — one of only 24 pharmacy schools in Egypt to receive this recognition.

5.3 Times Higher Education (THE) Impact Rankings 2024

Table 5.3.1: THE Impact Rankings 2024

The university's highest position is in SDG 3 (Good Health and Well-being) at 600-401 globally, reflecting its extensive medical convoys, physiotherapy clinics, and health awareness campaigns.

SDG	Rank
Overall Impact	1501+
SDG 1 (No Poverty)	801-1000
SDG 3 (Good Health and Well-being)	401-600
SDG 4 (Quality Education)	601-800
SDG 5 (Gender Equality)	601-800
SDG 6 (Clean Water and Sanitation)	601-800
SDG 7 (Affordable and Clean Energy)	801+
SDG 8 (Decent Work and Economic Growth)	801-1000
SDG 16 (Peace, Justice and Strong Institutions)	801-1000
SDG 17 (Partnerships for the Goals)	1501+



5.4 Webometrics Ranking

Table 5.4.1: Webometrics Rankings

Region	Rank	Total Institutions
World	5,009	11,993
Africa	253	2,087
Arab World	302	1,372
Middle East	528	1,328
Egypt	49	82

5.5 SCImago Rankings

Deraya University is included in the SCImago Institutions Rankings, which measure research performance, innovation output, and societal impact.



5.6 UI GreenMetric World University Rankings

Table 5.6.1: UI GreenMetric Rankings

Year	World Rank	Egypt Rank	Africa Rank
2024	1,138 / 1,476	34	54
2025	1,137 / ~1,500	31	52

The university's steady improvement reflects its commitment to environmental sustainability across energy, water, waste, transportation, and infrastructure.

5.7 International Memberships

- *United Nations Academic Impact (UNAI)*
- *UI GreenMetric World University Rankings*
- *Times Higher Education Impact Rankings*
- *Shanghai Global Ranking of Academic Subjects*



GLOBAL FOCUS

6 section

Overview

Deraya University has established a comprehensive governance framework integrating ethical principles, transparency, accountability, and compliance with national and international standards. The framework operates the university's core values of quality, responsibility, justice, integrity, teamwork, and creativity through formal policies issued by ESRC and approved by the University Council. These policies apply to all faculty, administrative staff, students, contractors, and external partners.

Code of Ethics

الباب الثاني
الميثاق الأخلاقي
Code of ethics

Deraya University has adopted a binding Code of Ethics governing the conduct of all students, faculty, and staff. The Code establishes standards for academic integrity, professional behavior, respect for diversity, protection of university resources, and prohibition of discrimination, harassment, and corruption. Specific ethical obligations are articulated for students (prohibition of cheating and plagiarism), administrative staff (confidentiality, transparency, conflict of interest disclosure), and faculty members (fair assessment, research ethics, avoidance of private tutoring).



6.3 Anti-Corruption and Institutional Integrity Policy

The university has issued a zero-tolerance anti-corruption policy aligned with Egypt Vision 2030 and the National Anti-Corruption Strategy. The policy applies to all university members and covers financial, administrative, academic, and service activities. It defines and prohibits bribery, conflict of interest, embezzlement, forgery, favoritism, plagiarism, and waste of public resources. The policy mandates annual conflict of interest disclosure, establishes transparent procurement procedures, and imposes graduated sanctions ranging from written warnings to dismissal and legal referral for serious violations.

Deraya UNIVERSITY
Entrepreneurship and Sustainability
Research Center
(ESRC)

سياسة مكافحة الفساد وتعزيز النزاهة المؤسسية
PO-RSE-SR-02

جبهة الاعتماد	مجلس الجامعة
جبهة الإصدار	مركز ريادة الأعمال وأبحاث الاستدامة
جبهة التطبيق	إدارة الجامعة والتطوير
الإصدار	الأول
دورية المراجعة	كل عامين أو عند الحاجة
نطاق التطبيق	جميع أعضاء هيئة التدريس والموظفين والطلاب

جامعة دراية
مركز ريادة الأعمال وأبحاث الاستدامة

اعتماد السياسة

أُعتمدت هذه السياسة من قبل مجلس جامعة دراية في جلسته المنعقدة بتاريخ ٢٠٢٦/٦/٧

رئيس جامعة دراية
الأستاذ الدكتور/ شريف رفعت

جامعة دراية
Deraya University

مراجعة - مركز ريادة الأعمال وأبحاث الاستدامة
سياسة مكافحة الفساد وتعزيز النزاهة المؤسسية
PO-RSE-SR-02



6.4 Complaints and Whistleblowing Policy

A formal complaints and whistleblowing policy provides safe and confidential channels for reporting violations without fear of retaliation. Whistleblowers acting in good faith are protected from retaliatory measures, and the accused enjoy the presumption of innocence and the right to respond and defend. A structured procedure governs the receipt, verification, investigation, and resolution of complaints.

Deraya UNIVERSITY
Entrepreneurship and Sustainability
Research Center
(ESRC)

سياسة حماية البيانات والخصوصية
PO-RSE-SR-01

مجلس الجامعة	جدة الأستاذ
مركز ريادة الأعمال وأبحاث الاستدامة	جدة الإصدار
إدارة المناهج والتعليم	جدة التطبيق
الأمن	الإصدار
كل من أمن أمن الجامعة	دورية المراجعة
جميع أعضاء هيئة التدريس والموظفين والطلاب	نطاق التطبيق

جامعة دراية
ESRC - Entrepreneurship and Sustainability Research Center

اعتماد السياسة

أُعتمدت هذه السياسة من قِبَل مجلس جامعة دراية في جلسته المنعقدة بتاريخ ٢٠٢٤/٦/٧

رئيس جامعة دراية
الأستاذ الدكتور / شريف رفعت

جامعة دراية
Deraya University

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جامعة دراية - مركز ريادة الأعمال وأبحاث الاستدامة
سياسة حماية البيانات والخصوصية
PO-RSE-SR-01



6.5 Data Protection and Privacy Policy

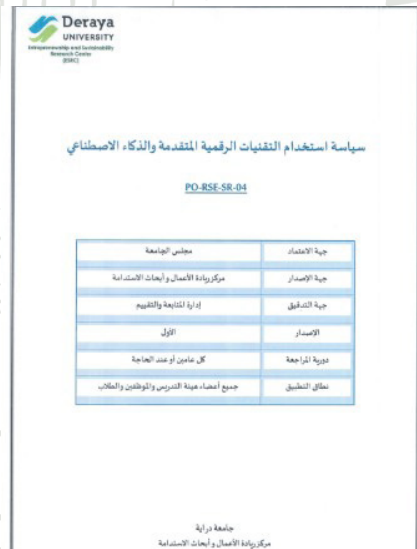
In compliance with Egyptian Personal Data Protection Law No. 151 of 2020, the university has adopted a data protection policy establishing principles of transparency, purpose specification, data minimization, accuracy, and security. Data subjects have the right to access, rectification, restriction of processing, and the right to be forgotten. Any data breach must be reported within 72 hours.





6.6 Advanced Digital Technologies and Artificial Intelligence Policy

Recognizing the transformative role of AI in higher education, the university has issued a policy regulating AI use in academic, administrative, and research activities in alignment with UNESCO's Recommendation on the Ethics of AI (2021). Authorized uses include adaptive course design, student performance analysis, data analysis in research, and sustainability data analytics. The policy prohibits presenting AI-generated content as original work without disclosure, using AI in examinations without permission, and entering personal data into external AI platforms. Violation of disclosure controls constitutes academic fraud.





6.7 Policy Approval Framework

All governance policies follow a structured process: preparation by ESRC, review by relevant stakeholders, and approval by the University Council. Approved policies are published on the university website and digital announcement boards. ESRC oversees policy implementation, training, and compliance.

Table 6.7.1: Approved Governance Policies

Policy	Year
Code of Ethics	2024
Anti-Corruption and Institutional Integrity	2025/2026
Complaints and Whistleblowing	2026
Data Protection and Privacy	2026
Advanced Digital Technologies and AI	2025/2026



6.8 Contribution to Sustainable Development Goals

Deraya University's governance framework supports SDG 4 (Quality Education) through academic integrity and responsible AI use; SDG 9 (Innovation) through AI governance; SDG 11 (Sustainable Communities) through transparent procurement; SDG 16 (Peace, Justice and Strong Institutions) through anti-corruption measures, whistleblower protection, and access to justice; and SDG 17 (Partnerships) through alignment with national strategies and UNESCO recommendations.

CLOSING STATEMENT



As we conclude this inaugural Sustainability Report, we reflect not merely on the metrics, milestones, and initiatives documented across these pages, but on the deeper transformation they represent. Deraya University has undertaken a journey that extends far beyond compliance or recognition — it is a journey rooted in a profound conviction that higher education institutions bear a unique and urgent responsibility to shape a more sustainable, equitable, and resilient future.

For Sixteen years, Deraya University has stood as a beacon of academic excellence in Upper Egypt, serving thousands of students and contributing to the development of our community. Yet we recognize that excellence in education alone is insufficient. True institutional distinction demands that we educate not only for careers but for citizenship; not only for knowledge but for responsibility; not only for the present but for the generations yet to come.

The achievements documented in this report — from the 50 percent reduction in irrigation water use to the 8.8 percent decrease in our carbon footprint; from the thousands of patients served through our medical convoys to the hundreds of students empowered through our student families; from our international research collaborations to our comprehensive governance framework — are not endpoints but milestones on an ongoing journey. Each represents a step toward a vision of a university that is not merely in the community but of the community; not merely teaching sustainability but embodying it; not merely preparing students for the world but preparing them to change it.



We are particularly proud of the contributions of our students, whose energy, creativity, and commitment to service have driven so many of the initiatives described in this report. From the medical convoys that bring healthcare to underserved villages to the awareness campaigns that challenge harmful behaviors, our students have demonstrated that sustainability is not an abstract concept but a lived practice. They are the heart of our sustainability journey, and their engagement gives us confidence in the future.

We acknowledge, with humility, the challenges that lie ahead. The expansion of our healthcare services has increased our carbon footprint — yet this reflects our commitment to community health, a reminder that sustainability must be balanced with service. The journey toward our 2030 vision will require continued investment, innovation, and collaboration. We embrace these challenges not as obstacles but as opportunities to deepen our impact and refine our approach.



Looking forward, Deraya University is committed to:

- Deepening our sustainability integration across all academic programs, ensuring every graduate is equipped with the knowledge and values to contribute to sustainable development.
- Accelerating our energy transition through renewable energy investments and efficiency measures, working toward carbon neutrality.
- Strengthening our research contributions to sustainability challenges, particularly in health, natural products, and environmental conservation.
- Expanding our community engagement to reach more underserved populations and address pressing social and environmental needs.
- Enhancing our governance framework to ensure transparency, accountability, and ethical conduct in all our operations.
- Elevating our global standing through continued participation in international rankings and partnerships that benchmark our progress and inspire our improvement.

We extend our deepest gratitude to the faculty, staff, and students whose dedication has made these achievements possible; to the communities of Minia Governorate who have welcomed our initiatives; to our partners in government, civil society, and industry who have supported our efforts; and to the leadership of Deraya University whose vision and commitment have sustained this journey.



This report is not an ending but a beginning. It is an invitation to our community — and to the broader world — to hold us accountable to our commitments, to join us in our efforts, and to share in our conviction that a better, more sustainable future is not only possible but necessary.

At Deraya University, we believe that knowledge shapes the future — and that the future we shape must be one of sustainability, justice, and hope. We invite you to walk this path with us.

«Education is not preparation for life; education is life itself.»

— John Dewey

Deraya University
From here, the journey begins... and here, the future is made.