



Life on Land

2023-2024

15.2.1 Events aimed to promote conservation and sustainable utilization of the land, including forests and wild land

Number of events related to environment and sustainability hosted or organized by the Alexandria University in academic year 2022-2023 are more than **247 events**.

Examples of some activities with description and photos:

	
<p>The opening of the activities of the project “Integrating Sustainable Development Goals into Universities for Better Management of Climate Change,” which is funded by the European Union within the Erasmus Plus program (2021-2024) with a budget of 15 million pounds, via the electronic platform, and its work continued over two days. Alexandria University is leading the project, which includes 7 other partners, from the European Union, namely the University of Aveiro in Portugal, the University of Sassari in Italy, the University of Valencia in Spain, the Euro-Mediterranean University from Slovenia, and from Egypt the Arab Academy for Science, Technology and Maritime Transport, Zewail University, and Heliopolis University. The project aims to enhance the capabilities of Egyptian universities in terms of raising awareness of sustainable development goals for university members, integrating sustainable development goals into strategic plans and university policies, and transforming universities into environmentally sustainable universities.</p>	



The First International Symposium on Sustainable Water Solutions in Alexandria, organized by the Center for Water Excellence at Alexandria University (funded by the United States Agency for International Development in Cairo, USAID, and in partnership with a coalition of Egyptian and American universities with the aim of supporting learning and research in the field of water).

USAID The American University in Cairo **Center of Excellence for Water**

Webinar
Water-Energy-Food Nexus and its connectivity to SDGs
 Tuesday, March 1st, 2022 at 8PM Cairo Local Time (CLT)

This webinar will focus on:

- Development of an integrated water - Energy - Food (WEP) nexus system
- Developed Solar - agriculture greenhouse system that grows its own energy and irrigating water.
- Novel and green solution for food and water crisis in arid areas
- Importance of WEP Nexus
- Nexus Elements integration and tools.
- WEP and its impact on SDGs.

Speakers

Prof. Brent Hockaday
 Brent Hockaday, MBA, Ph.D., is a Professor of Environmental Studies at the University of California, Santa Cruz. He is the founding director of UCSC's Center for Integrated Water Management.

Prof. Abdulazim Nigm
 A Professor of Hydraulics and (Water Resources) at Zagazig University and is very interested in sustainable water resources management and sustainability studies.

Prof. Hassan Fath
 A well-known MENA-SDG regional expert in Desalination and Energy Systems (DES) including Water-Energy-Food-Environment (WEFE) applications.

Register here:
<https://bit.ly/3GLnUYI>

Suggested Audience: Design professional group

This webinar is organized for Washington State University. The Center of Excellence for Water is a United States project under the support of USAID. The Center of Excellence for Water is a project of the Center of Excellence for Water, The American University in Cairo. The Center of Excellence for Water is a project of the Center of Excellence for Water, The American University in Cairo. The Center of Excellence for Water is a project of the Center of Excellence for Water, The American University in Cairo.

In the frame of the webinar series, the Center of Excellence for Water organized the twenty first webinar with California Santa Cruz University and Zagazig, entitled: "Water Energy Food Nexus and its connectivity to SDGs"



Seminar on "Management, Sustainability and Strategic Planning of the Center of Excellence for Water" at Faculty of Engineering. The project of the Water Excellence Center at Alexandria University is working to find solutions to the expected water problems in light of population growth and the serious challenges we are currently facing in Egypt.



Discussing ways of cooperation between Alexandria University and the Vice President of the Climate Group at the University of Cambridge in Britain and the official for international cooperation in the COP26 university network on the issue of climate change and ways to enhance academic and research relations and aspects of joint cooperation in preparation for the COP27 conference. The attendees gave a presentation on Alexandria University's projects in the field of environmental sustainability in preparation for the COP27 climate conference, and included projects on the production of green and grey hydrogen, the design and manufacture of electric vehicles, the establishment of the Alexandria University Company for Energy and Water Services, and the establishment of an electronic components manufacturing center, in addition to preparing studies on diversifying energy sources. Egypt's role as a regional energy center and the contributions of the Suez Canal to reducing carbon emissions at the international level.



Alexandria University held a symposium on "Climate Change and Green Transformation: The Vision of Alexandria University with several universities and scientific bodies to participate in the COP27 climate conference. These projects include the use of green hydrogen and green ammonia in the fertilizer industry in cooperation with the Egyptian Chemical Industries Company (Kima), the establishment of the Alexandria University Company for Energy and Water Services, the localization of the electric car industry inside Egypt through the design and manufacture of the electric bus and the electric car, the role of the Suez Canal in reducing carbon emissions on the global level, the establishment of the Alexandria University Centre for the blue-green economy, the role of Egypt as a regional centre for Energy, the production of green and grey hydrogen, the establishment of the Electronic Components Manufacturing Centre, in addition to the establishment of the Alexandria University Centre for Sustainable Development, with the aim of achieving sustainable development goals within the Alexandria University campus in order to turn it into a green university.



The first activity of the Greener Blue Economy Center at Alexandria University, a workshop held under the title "Sustainable Blue Economy Issues in the Mediterranean Basin Countries", in the Conference Hall at the Faculty of Commerce, generating electricity from water energy, mining activities in the seas and oceans, marine tourism, fishing activities, extracting raw materials from the sea, and other forms of economic activity mainly related water resources.



Faculty of Pharmacy, in cooperation with the students of the Scientific Society of Faculty of Pharmacy, organized a sports marathon for walking and cycling under the title "Running for Green" within the framework of the preparations of Faculty of Pharmacy and University of Alexandria for the Climate Change Conference COP27 which was held in Sharm el-Sheikh in November 2022.



The opening of the international conference organized by the Faculty of Agriculture, Alexandria University, under the title "Sustainable Management of Smart Animal Production Farms." Its activities continued over two days, during which a group of scientists and specialists discussed ways to reach a common vision and solutions for the development of livestock, poultry and fisheries in Egypt and draw a clear, integrated vision, to confront the challenges that hinder the advancement of livestock in Egypt.



A cooperation agreement between Alexandria University and the Egyptian Chamber of Commerce in Alexandria to establish a solar energy station at the Faculty of Engineering. Under this agreement, the Faculty of Engineering - Alexandria University operates the station with solar energy within the framework of the MAIA-TAQA and SOLE projects funded by the European Union, within the framework of the Mediterranean Basin Cross-Border Cooperation Program EU ENI CBC Med.

It is worth noting that the "SOL" project, funded by the European Union, supports the energy rehabilitation of public buildings in an effective and economical manner, and ensures the consumption of clean, low-cost energy.



Alexandria University hosted the third meeting of the Steering Committee of the Comprehensive and Sustainable Development of the Tomato Value Chain Project, as the host of the Tomato Value Chain Educational Service Center (TLSC).



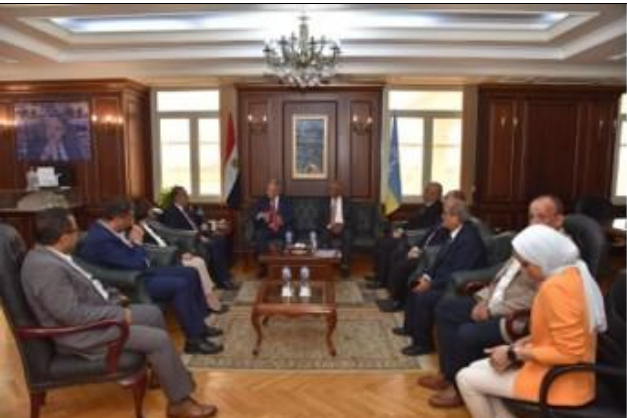
Alexandria University participated in the Egyptian Public Universities Activities and Events Forum to Confront Climate Change 2022, during the period (September 22-23, 2022).



The preparatory webinar for the COP28 Climate Conference, which was organized by the International Committee for the Development of Dry Lands, the Regional Action for Climate Change Foundation in Japan, the “Nizami Ganjavi” International Centre, and the African Organization for Young Leaders, at the Conference Centre of the Faculty of Medicine. The webinar discussed many important topics, including climate change and dry lands, food security, biodiversity, energy and sustainable development, political will and human solidarity needed for change, adaptation, African youth's view of climate change, the Egyptian perspective on climate change, and funding requirements.



The Faculty of Education hosted the educational symposium on “Community Awareness of the Climate Change Issue, and its Health, Environmental and Economic Impacts”



Cooperation protocol between Alexandria University Engineering Centre and the Holding Company for Water and Wastewater, providing consulting services for Rainwater Management Integrated Strategy Project in Alexandria.



A cycling race and marathon events were launched as part of the Scientific Conference on Climate Change and Sports, organized by the Faculty of Science and the Faculty of Physical Education in Abu Qir from 27-29 October 2022.



The educational seminar organized by the university, in cooperation with the Youth Coordination of Political Parties and Politicians, under the title "Climate Action Path from Stockholm to Sharm el-Sheikh" and a panel discussion on the national dialogue. The meeting witnessed various discussions among the attendees that dealt with the economic, social and cultural challenges facing the country, which included issues of health, education, infrastructure, environment, psychological support, high prices, ethical and behavioral phenomena and how to confront them and provide unconventional solutions in light of the available resources.



The Medical Research Institute organized its 19th (and 7th international) scientific conference entitled "Landmarks in Cancer: From Genome Research to Practice in Challenging Times"



The workshop was held at the Medical Technology Center for Research and Services, which was held on the sidelines of the 8th Annual International Conference on Chemical Pathology under the title Meet the Experts of Hospitals, Clinical Laboratories and Blood Banks Applications of the Pit Falls Accreditation Standards, which was held on Saturday, February 11, 2023.



The Faculty of Science, Alexandria University, in cooperation with the Alexandria Holding Company for Drinking Water, organized an awareness seminar on water conservation methods on Sunday, March 12, 2023.



58 students from the German School of St. Charles Bormes visited the Faculty of Engineering on Sunday, May 7, 2023.



The Social Solidarity Unit at Alexandria University holds a symposium entitled "Combating Illegal Immigration"



The Faculty of Science, Alexandria University, received medical teams to provide services for the



The scientific conference on climate change and sports, which will be held from October 27 to 29,

100 Million Health Initiative, in cooperation with the Alexandria Health Affairs Directorate, on October 1-2, 2023, at the faculty building in Moharram Bek and Medina. Al-Shatby



2022, in cooperation between the Faculty of Science and the Faculty of Physical Education for Boys, Alexandria University.



The Tenth Student Conference on Research and Innovation for undergraduate and postgraduate students and schools, May 13 and 14, 2023, Faculty of Science, Alexandria University.



The 11th Student Conference for Research and Innovation for Undergraduate students and the 4th for Graduate Students was held on April 27-28, 2024 at the Faculty of Science, Alexandria University.



The Scientific Conference on Climate Change and Sports, which was held from October 27 to 29, 2022, in cooperation between the Faculty of Science and the Faculty of Physical Education for Boys, Alexandria University.



Practical training on how to use fire extinguishers to extinguish fires and the correct extinguishing methods for the college's occupational safety and health team. August 21, 2023 At the college stadium in Moharram Bey building.



Workshop held at the Medical Technology Center for Research and Services, which was held on the sidelines of the Eighth Annual International Conference on Chemical Pathology, under the title Meet the experts Hospitals clinical laboratories and blood banks accreditation standards applications pit falls Which was held on Saturday, February 11, 2023.



Course "The Little Drawing Studio" for teaching drawing to children June 2024 held by Faculty of Fine Arts.





The Faculty of Fine Arts at Alexandria University collaborated with the Art Therapy and Development Foundation to support and empower children with disabilities. They organized a workshop titled "Spring Arts," allowing these children to practice artistic performance and explore their creativity under the supervision of faculty members. The workshop began with a visit to the college museum, where the children learned about its collections from the curator, Ms. Abeer Shalaby. The children enjoyed the experience and the opportunity for artistic practice at the university.



As part of the collaboration between the Faculty of Fine Arts and Alexandria Governorate, a role has been established to participate in the judging committee for a competition organized by Alexandria Governorate among neighborhoods and the city center of Borg Al Arab to develop public squares and gardens within the governorate. This includes attending coordination meetings related to this initiative.

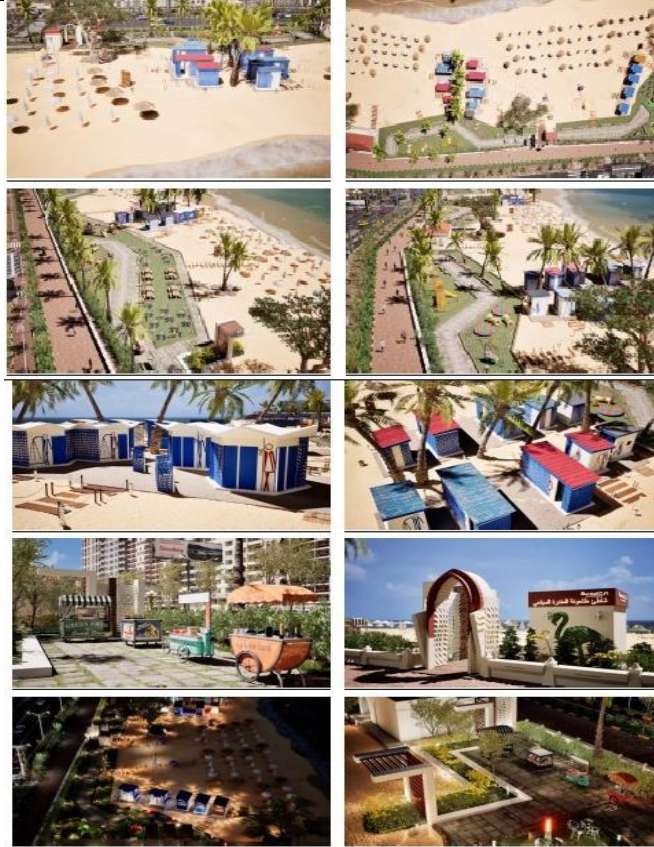


Alexandria University is organizing cultural and awareness-raising events to commemorate the 50th anniversary of the October War, starting from October 1, 2023.

- 1. Art Exhibition:** An exhibition titled "50 Years of Egypt's October 1973" will run from October 2 to October 12, 2023, showcasing artworks that highlight the victories of October and Egypt's modern renaissance. It will feature contributions from 31 faculty members in various artistic mediums.
- 2. Cultural Competition:** A competition for students will be held in drawing, painting, poetry, short stories, journalistic articles, musical composition, and national anthems, focusing on the heroism of the Egyptian army during the October War. Prizes will be awarded for the top three entries in each category.



Artistic and Aesthetic Collaboration for the Development and Enhancement of the Facility and the Club's Walls. The objective is to aesthetically improve the club and enhance its facilities, providing a proposal for development that meets functional needs. Accordingly, a committee has been formed, consisting of the following members, to carry out the required tasks.



The Project for the Development of the Alexandria Beaches System aims to enhance the quality of services at Alexandria's beaches through collaboration with the Faculty of Fine Arts at Alexandria University. The project focuses on designing standardized units, such as restrooms, changing rooms, and food kiosks, using weather-resistant materials. Key objectives include standardizing the external appearance of the units, identifying suitable locations based on beach characteristics and size, determining the number of units according to beach area and visitor density, ensuring materials used are appropriate for coastal conditions, and considering the project's visual identity. Top of Form Bottom of Form



The Faculty of Fine Arts is collaborating with the Eastern and Central Medical Zones' Media and Population Education Departments to implement the "100 Days of Health" initiative by the President of the Republic. This initiative focuses on women's health, early detection of chronic diseases, kidney disorders, cancers, and COVID-19 vaccinations. Events were organized within October, 2023.



Cupping Therapy and Its Applications in Sports Activity - March 2, 2024, held by faculty of sport Education for Girls



Acupuncture and Its Applications in Sports Activity - March 7, 2024, held by faculty of sport Education for Girls.



Functional Anatomy, Massage, and Cupping Therapy - May 10, 2024, held by faculty of sport Education for Girls.



شهادة تقدير



تتقدم محافظة الإسكندرية بالشكر والتقدير للمشروعات الفائزة
بالمبادرة الوطنية للمشروعات الخضراء الذكية
الدورة الثالثة

مور MOWR

المركز الثاني

فئة المشروعات التنموية المتعلقة بالمرأة وتغير المناخ والإستدامة

محافظة الإسكندرية

فريق /

أحمد خالد حسن سعيد

Scanned with CamScanner

Prof. Dr. Doaa Ahmed Gharib, a professor in the Biochemistry Department at the Faculty of Science, Alexandria University, was awarded second place in the category of developmental projects related to women, climate change, and sustainability at the Alexandria Governorate level, as part of the "Third Round" of the National Initiative for Smart Green Projects.





As part of the summer activity plan at the Faculty of Science, Alexandria University, in order to raise awareness among school students in Alexandria, a series of scientific lectures covering various fields was organized to prepare students from the Educational Exploratory Center under the Ministry of Education. The lectures were held weekly throughout August 2024, featuring a variety of presentations by students from the faculty academic staff members.



Students from various schools in Alexandria, as well as public and private universities across Egypt, are welcomed at the botanical garden (ALEX) of the Faculty of Science in Moharram Bek. This visits aim to introduce them to economically important, endemic, and rare plant species, raising their awareness about plant and floral diversity and the importance of conserving endangered plant species. This effort is part of the university's plan to serve the community, and achieve the 17th goal of sustainable development (partnership for goals).



Students from various schools in Alexandria, as well as public and private universities across Egypt, are welcomed at the Herbarium of the Faculty of Science at Chattby building. These visits aim to introduce them to the herbarium's role, which is essential for preserving plant specimens and aiding in research, education, and conservation efforts. This effort is part of the university's plan to serve the community and achieve the 17th goal of sustainable development (partnership for goals).



The Zoology Department at the Faculty of Science, Alexandria University, organized a field trip to the Zoological park of Alexandria. The visit aimed to highlight the practical and applied aspects of what has been studied in the theoretical lectures of the Animal Ecology course for third-year students in the department. The students actively participated by observing and commenting on the structural adaptations and feeding behaviours of the mammals residing in the zoo and the importance of these adaptations in the lives of these creatures (March 2024).



Several faculty members from Alexandria University are participating in judging school students' competitions. Judging school students' projects submitted for participation in scientific competitions organized by the Ministry of Education and international competitions such as the ISEF (International Science and Engineering Fair). The students' projects cover various topics, including environmental problems, technology, artificial intelligence, and medical sciences.

ALEXANDRIA
Under the auspices of
Prof. Dr. Abdel Aziz Kousowa
President of Alexandria University

Conference's Chairman
Prof. Dr. Hesham Saeed
Dean of Institute of Graduate Studies and Research

Conference Manager
Prof. Dr. Ibrahim Hindawy
Head of Environmental Studies Department

INDUSTRY AND ENVIRONMENT

Environmental Studies Department
2nd Conference
on
Industry & Environment
30 – 31
January 2024

Contact

✉ igrs.environmentalstudies@alexu.edu.eg
☎ +203-4297688 Fax: +203-4285792 P.O.: 832

📍 Conference Hall (Prof. Dr. Salah Morry) -
Institute of Graduate Studies and Research
(IGSR), Alexandria University - 163
Horreya Avenue El Shatby, Alexandria

Event Background
Industry and Environment Conference provides an opportunity for researchers and industrial practitioners to engage in discussions of mutual interest to develop a consensus on a problem-solving approach for utilizing the outcome of the research in dealing with issues of industrial sector.

Conference Themes

- Industry and Environment Challenges
- Industrial Pollution Control
- Energy Management
- Carbon Footprint
- Industrial Waste Management
- Integrated Environmental Management
- Environmental Economics

Organizing Committee

IGSR Staff

- Prof. Dr. Elsayed Shalaby
- Prof. Dr. Aly Okab
- Prof. Dr. Sabah El-Banna
- Prof. Dr. Mahmoud Hassan
- Asst. Prof. Lobna El-Hossainy
- Dr. Aya Hamdy
- Mohamed El-Zahhar
- Ezzat Hassan
- Toka El-Barkey
- Rafida Abdel-Wahab
- Nardeen Khalaf
- Karim Hesham
- Rahoma Mohamed
- Nouran El-Mahdi
- Salwa Mehawed

Industrial Experts

- Dr. Mounir El-Qasbi - Former president Sidpec
- Dr. Mohamed El-Masri - Sidpec
- Dr. Mohamed El-Adawi - Abu Qir Fertilizers
- Dr. Ashraf Nossair - Head of Energy Committee, Alex Businessmen Association

Registration Fees

Presenter	300 EGP
Attendance	150 EGP

50% off for IGSR students

Registration Includes

- Access to all conference sessions
- Conference kit including name tag, program booklet, and abstract book
- Coffee break and lunch
- Attendance certificate

Scientific Committee

- Prof. Dr. Samir Naeir
- Prof. Dr. Mohamed Elaskandari
- Prof. Dr. Jehan Abdel-Samee
- Prof. Dr. Zohry Chatter
- Prof. Dr. Mohamed Abdriabo
- Prof. Dr. Mostafa Soliman

How to Register

REGISTRATION LINK
<https://bit.ly/3dunCz9>

Abstract submission

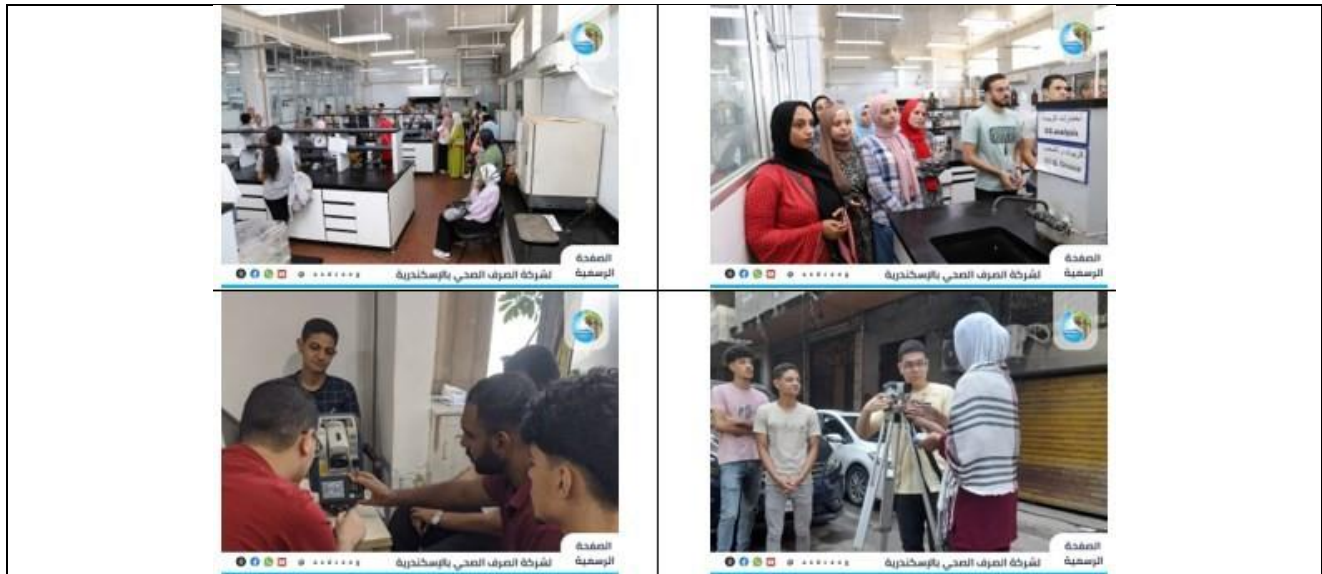
SUBMISSION EMAIL
igrs.environmentalstudies@alexu.edu.eg

Deadlines
For registration is 15th January 2024
For abstract submission is 1st January 2024

Sponsors

ETHYDCO **TITAN**


Industry and Environment Conference held by Institute of Graduate Studies and Research, Alexandria University (30-31 January 2024)



Raising awareness among Alexandria University students about wastewater treatment was achieved through summer training activities conducted at Alexandria Sewerage for students from various faculties, including Science, Engineering (Civil, Mechanical, and Mechatronics), Commerce, Arts (Surveying, Mapping, and GIS), and Fine Arts (Architecture), September 2024.




The Center of Excellence for Water at Alexandria University is organizing a training program for scholarship students in collaboration with EPROM Company. This initiative aims to equip students with practical skills in water management including training courses about Water Treatment for Industrial Applications, and Wastewater Plant Operations and Troubleshooting, ensuring they are well-prepared for the business sector and aligned with labor market requirements (March, 2024).



The Student Communities awards for the 2023-2024 academic year have been announced! Congratulate all of the Outstanding, Commendable, Honorable Mention, and Green Chemistry winners!

ACS Green Chemistry Institute (ACS GCI)

Who received awards for the 2023-2024 academic year?



Swipe to find out >>>

Green Chemistry Winners

- Alexandria University
- Bombay College of Pharmacy
- Cameron University
- Federal University Wukari, Yobe State
- Florida International University-Biscayne Bay Campus
- Georgia Gwinnett College
- Gordon College
- Inter American University of Puerto Rico Ponce Campus
- Norwich University
- Saint Louis University
- Salt Lake Community College
- South Dakota School of Mines and Technology
- Tennessee Technological University
- The University of Utah
- University of California-Los Angeles
- University of California-San Diego
- University of Florida
- University of Pittsburgh
- University of Puerto Rico-Aguadilla
- University of Puerto Rico-Rio Piedras Campus
- University of Tennessee at Martin
- University of Texas at Tyler
- Valdosta State University
- Yorketown State University

Outstanding Winners

- Alexandria University
- Amiriyah University in Sharjah
- Augusta University
- Bahayen University
- California State University-Stanislaus
- Chandigarh University
- City University of New York Herbert H. Lehman College
- Colorado State University
- Eastern Oregon University
- El Paso Community College
- Federal University of Ceara
- Federal University of Minas Gerais
- Florida International University-Biscayne Bay Campus
- Francis Marion University
- Georgia College & State University
- Georgia Gwinnett College
- Heidelberg University
- Idaho State University
- Institute of Space Technology
- Inter American University of Puerto Rico Ponce Campus
- Likiep University
- Mahmud University of Engineering & Technology
- Midland College
- Midwestern State University
- Mississippi College
- Monash University Malaysia
- Nazarbayev University
- North Central College
- Northeastern University
- Nova Southeastern University
- Quachita Baptist University
- Qatar University
- Queen's Arson University
- Queens University - Kingston
- Saint Francis University
- Salt Lake Community College
- Shanghai University of Science and Technology
- Sokoto State University
- South Dakota School of Mines and Technology
- Southeastern Oklahoma State University
- Southwest Minnesota State University
- St. Mary's College of Maryland
- Swansea University
- Tarrant County College - Northeast

The ACS Green Chemistry Institute (ACS GCI) has announced the Student Communities awards for the 2023-2024 academic year, recognizing Alexandria University as the top winner in the Outstanding, Commendable, Honorable Mention, and Green Chemistry categories.

Conferences and Symposia (2023-2024) Alexandria University, Egypt

NO	College/organizer	Event Name	Place	Duration	
				From	To
1	Faculty of Arts	Symposium on the maritime cultural heritage of the Red Sea	Faculty	17/01/2023	18/01/2023
2		Symposium on “National Discourse in Light of International Challenges and Changes”	Faculty	20/02/2023	
3		Seminar: “The Impact of the Russian and Ukrainian War on National Security”	Faculty	27/02/2023	
4		“Environment and Society: The Role of Women between Reality and Aspirations” Symposium	Faculty	06/03/2023	
5		Seminar on “Optimal Use of Social Networks”	Faculty	22/02/2023	
6		Workshop “In cooperation with the Educational Innovations Unit”	Faculty	28/02/2023	

7		Free books gallery	Faculty	19/02/2023	21/02/2023
8		Symposium on "Climate Change and its Impact on Egypt"	Faculty	20/02/2023	
9		Clothes exhibition for college students	Faculty	13/02/2023	16/02/2023
10		Symposium on "The Role of Innovation in Developing Various Aspects of Life"	Faculty	01/03/2023	
11		Workshop on "3D imaging and its digital applications in the field of archaeology"	Faculty	18/03/2023	22/03/2023
12		"Drama and Society" Symposium	Faculty	20/03/2023	
13		Symposium on "Egyptian Women's Issues between Reality and Aspirations"	Capacity Development Centre	06/03/2023	
14		Campaign (It will not be lost)	Faculty	11/03/2023	
15		"Positive Psychology and Arab Research" Symposium	Faculty	08/03/2023	
16		Charity exhibition for Kayan Association	Faculty	14/03/2023	16/03/2023
17		Conference on "Using Media in Curricula in Egyptian Universities"	Faculty	26/02/2023	
18		Symposium on "The Role of Cultural Platforms in Developing Youth Awareness"	Capacity Development Centre	10/05/2023	
19		Seminar: "How to Apply for Grants"	Faculty	29/04/2023	
20		Scientific Seminar "The Mediterranean Environment: Opportunities and Challenges"	Faculty	10/06/2023	
21		Conference "Alexandrian Heritage and its Connection to What Before and After"	Faculty	09/05/2023	
22		Theater Department Festival for specialized departments and institutes	Alexandria Library	10/07/2023	20/07/2023
23		A cultural salon for Alexandria University and a cultural salon for the Faculty of Arts	Faculty	03/05/2023	
24		Workshop on leather crafting	Faculty	04-02-2024	20-02-2024

25		Free book exhibition	Faculty	01-02-2024	01-03-2024
26		Two-day introductory workshop on documentary films	Faculty	03-03-2024	04-03-2024
27		Lecture titled "Using AI applications in libraries and information"	Faculty	18-02-2024	
28		Charity market	Faculty	04-03-2024	06-03-2024
29		Festival titled "The Theater Department Festival for Specialized Departments and Institutes"	Bibliotheca Alexandrina	01-03-2024	07-03-2024
30		Workshop titled "How to use the electronic paper edition of the Arabic translation of MARC 21"	Faculty	13-03-2024	
31		Lecture titled "The East/Western encounter since the Middle Ages through"	Faculty	04-03-2024	
32		Cultural salon on the occasion of World Short Story Day	Faculty	25-02-2024	
33		Cultural Ramadan night at the Library Department	Faculty	31-03-2024	
34		Judging meeting for the best research competition for Library Department students	Faculty	05-03-2024	
35		Open meeting with students with special needs in the department	Faculty	14-04-2024	
36		Roundtable titled "Translation in the digital age: Challenges and prospects"	Faculty	21-04-2024	
37		Lecture titled "Regulations for the work of technical bodies assisting various judicial authorities"	Faculty	02-03-2024	
38		Free book exhibition	Faculty	01-02-2024	01-03-2024
39		Seminar titled "The role of youth in facing contemporary challenges"	Faculty	27-03-2024	
40		Seminar titled "Egypt's efforts to combat illegal immigration and human trafficking and raise awareness of its dangers"	Faculty	07-05-2024	

41		Introductory workshop on documentary films	Faculty	03-03-2024	04-03-2024
42		Rescheduling of the leather crafting workshop	Faculty	04-02-2024	20-02-2024
43		One-day workshop titled "For men only - Join us to protect her"	Faculty	21-03-2024	
44		One-day workshop for university city girls and workers titled "Yourself is a trust - Defend it"	University Dormitories	19-03-2024	
45		Workshop titled "Program and course description"	Faculty	06-04-2024	
46		Workshop titled "How to use the electronic and paper edition of the Arabic translation of MARC 21"	Faculty	13-03-2024	
47		Seminar "Philosophy as a way of life"	Faculty	04-05-2024	
48		Seminar "The role of intellectual property in preserving and developing intangible cultural heritage"	Faculty	29-04-2024	
49		Introductory seminar on grants and opportunities offered by the Fulbright Commission	Online	15-05-2024	
50		the agricultural workshop to learn about sustainable solutions to avoid overconsumption of natural materials	Faculty	03-07-2024	
51		Seminar titled "The current state of philosophical studies in the Arab and Western worlds"	Faculty	20-08-2024	
52		Lecture titled "Egyptian-Chinese historical relations"	Faculty	01-08-2024	
53		Seminar titled "Concept of occupational safety and health and its objectives"	Faculty	08-09-2024	
54		Seminar titled "The current state of philosophical studies in the Arab and Western worlds"	Faculty	20-08-2024	
55	Faculty of education	Charitable clothing exhibition, We Are Al Khair Foundation	Faculty	25/02/2023	05/03/2023
56		German School Conference	Faculty	25/02/2023	

57		Emerging Women Writers Conference Form The Margins	Faculty	10/03/2023	11/03/2023
58		Book Fair	Faculty		
59		Conference “Digitizing the Curriculum and Competencies of the Future”	Faculty	02/09/2023	
60		Celebration of “Martyr’s Day”	Faculty	10-03-2024	
61		Alexandria University’s First Book Fair	Faculty	21-02-2042	30-03-2024
62		Subsidized Fair for Students, Employees, and Workers at the Humanities Complex	Faculty	20-02-2024	30-03-2024
63		“Welcome Ramadan” and Siwa Products Fair	Faculty	21-02-2024	30-03-2024
64		Secondary Conference of the German School	Faculty	26-02-2024	
65		Participatory Workshop with Alexandria Governorate	Faculty	11-01-2024	
66		Education Policies Forum titled “Issues in Educational Policy”	Faculty	20-04-2024	
67		Seminar on “Ways to Reduce Illegal Immigration”	Faculty	29-04-2024	
68		Conference titled “Innovation Management and Entrepreneurship in Educational Institutions: Future Visions”	Faculty	27-07-2024	
69	Faculty of education quality	National Dialogue Symposium	Faculty	30/03/2023	
70		The first meeting for fine art	Faculty	26/09/2023	
71		International Conference titled “Innovation in Quality Education and Artificial Intelligence Challenges (Visions and Proposals)”	Faculty of Economics	14-02-2024	15-02-2024
72		Kindergarten Level Two Graduation Ceremony	Faculty	03-05-2024	
73		Charity Market of the Association	Faculty	05-03-2024	09-03-2024
74		Art Therapy Workshop	Faculty	16-02-2024	
75	Faculty of Agriculture	Symposium on “Home Economics and Climate Change”	Faculty	08/03/2023	
76		Exhibition of agricultural and industrial products	Faculty	22/02/2023	23/02/2023

77		Workshop on "Estimation of Sugars in Cotton"	Faculty	12/03/2023	13/03/2023
78		A permanent exhibition throughout the month of Ramadan	Faculty	20/03/2023	20/04/2023
79		Symposium on "The Virtues of the Holy Month of Ramadan and Commemorating the October Victories"	Faculty	12/04/2023	
80		"Awareness Leaders Ambassadors" workshop	Faculty	06/05/2023	
81		Workshop on the university Agrochemical	Alexandria Library	30/04/2023	
82		"Twelfth Employment" Forum	Faculty	02/05/2023	
83		Training course for agricultural engineers working in the pesticide trade	Faculty	28/01/2023	01/02/2023
84		"Antimicrobial Project" Workshop	Faculty	28/05/2023	
85		Training course "Developing the Romanian cheese industry to compete in global markets"	Faculty	21/05/2023	25/05/2023
86		Workshop on "Chemical and microbiological analysis of dairy products according to ISO methods."	Faculty	20/01/2023	
87		The first forum for entrepreneurship and innovations	Faculty	21/06/2023	
88		Americana Company seminar to introduce the company's activities	Faculty	20/06/2023	
89		Workshop on "Nanotechnology to Support Sustainable Development of Agricultural Production"	Faculty	27/07/2023	
90		Summer Science Club for Students	Faculty	15/07/2023	15/08/2023
91		Training courses to raise the efficiency and skills of undergraduate students	Faculty	15/07/2023	15/08/2023
92		"Food Safety and Quality" Workshop	Faculty	09/07/2023	11/07/2023
93		Workshop on "Basic Requirements for the Food Safety System"	Faculty	16/07/2023	20/07/2023
94		Training courses to raise the efficiency and skills of undergraduate students	Faculty	15/07/2023	

95		Bioinformatics workshop, first level	Faculty	01/08/2023	
96		Molecular biology techniques workshop - basics	Faculty	06/08/2023	
97		Molecular biology techniques workshop - advanced level	Faculty	20/08/2023	
98		The first scientific forum for insect students in the Arab Republic of Egypt	Faculty	10/10/2023	
99		The first Genetics and Biotechnology Youth Forum	Faculty	29/08/2023	
100		Integration workshop between the university and the animal production industry	Faculty	24/09/2023	
101		Workshop on "Arduino Basics and Its Applications."	Faculty	31/08/2023	
102		Workshop on "Estimation of Sugars in Cotton"	Faculty	18/09/2023	
103		Symposium on the impact of climate change on modern trends used in the management of plant diseases	Faculty	13/09/2023	
104		Symposium on "Home Economics and Climate Change"	Faculty	08/03/2023	
105		Exhibition of agricultural and industrial products	Faculty	22/02/2023	23/02/2023
106		Workshop on "Estimation of Sugars in Cotton"	Faculty	12/03/2023	14/03/2023
107		Exhibition throughout the month of Ramadan	Faculty	20/3/2023	20/04/2023
108		Annual Celebration for the Distribution of Dream Company Awards to Encourage Scientific Research in Egypt for 2024	Faculty	22-04-2024	
109		Awareness Program for College Employees to Spread Insurance Awareness and Financial Planning among Employees and Workers	Faculty	11-02-2024	25-02-2024
110		Online Technology Awareness Ambassadors Program	Faculty	25-04-2024	26-04-2024
111		13th Job Fair	Faculty	17-04-2024	
112		Seminar titled "Nanotechnology and Its	Faculty	22-02-2024	

		Applications in Home Economics"			
113		Seminar titled "Organic Farming and the Future of Egypt to Increase Agricultural Yields"	Faculty	04-03-2024	
114		Seminar titled "Future Vision for Post-Graduation and Labor Market Needs in the Agricultural Field"	Faculty	24-04-2024	
115		Workshop titled "Job Search Club in Alexandria Governorate"	Faculty	18-02-2024	28-02-2024
116		Workshop titled "Integration between the University and Animal Production Industry"	Faculty	16-05-2024	
117		Several Workshops titled "High-Level Administrative and Executive Leadership"	Faculty	17-02-2024	23-04-2024
118		Workshop titled "High-Level Administrative and Executive Leadership"	Faculty	11-05-2024	25-06-2024
119		Workshop titled "Bed Bugs Cause Concern"	Faculty	24-04-2024	
120		Workshop titled "Job Search Club in Alexandria Governorate"	Faculty	18-02-2024	28-02-2024
121		Forum to Introduce the Egyptian Cheese and Dairy Products Festival	Faculty	18-07-2024	
122		Holding (5) Training Courses for the Francophone Agency Award Project Funded by the University Agency titled "The Classroom Turns into the Labor Market: Developing Agricultural Entrepreneurship Skills"	Faculty	11-08-2024	08-10-2024
123		Holding the "Second Youth Genetics and Biotechnology Forum"	Faculty	28-08-2024	
124	Faculty of Business	Workshop on "Sustainable Blue Economy Issues in the Mediterranean Basin Countries"	Faculty	03/01/2023	
125		Celebration "Happy Children's Day"	Faculty	17/03/2023	
126		College of Business Charity Exhibition	Faculty	04/03/2023	31/03/2023
127		International Conference "The Impact of Global	Faculty	20/07/2023	21/07/2023

		Changes on Business Sustainability”			
128		CMA certification training program	Faculty	16/05/2023	
129		"Entrepreneurship" seminar	Faculty	14/05/2023	
130		Seminar" Teaching Applications in Recreational Sports Activities in Field Training Institutions"	Faculty	26/04/2022	
131		Holding the College Charity Fair	Faculty	10-02-2024	10-03-2024
132		Organizing an Introductory Seminar titled “What After Graduation? Be Distinguished”	Faculty	01-02-2024	
133		Holding an Educational Seminar titled “Management by Values and the Success of the Industrial System”	Faculty	25-02-2024	
134		Holding an Educational Seminar titled “How to Write a CV and Pass Personal Interviews in the Banking Field”	Faculty	07-03-2024	
135		Holding a Grand Olympiad Celebration to Promote Entrepreneurship at the University	Faculty	11-07-2024	
136		21st International Conference titled “Global Challenges and Achieving Business Sustainability”	Faculty	13-07-2024	
137		Workshop titled “Proposals for Developing the Real Estate Tax Law”	Faculty	05-10-2024	
138	College of Physical Education for Boys	Scientific Forum "Doping in the Sports Field"	Faculty	09/03/2023	
139		Symposium on “Violence among youth and its impact on society”	Faculty	02/04/2023	
140		A sports day for the employees of the Montazah Second District	Faculty	11/08/2023	
141		Seminars for the fourth group during the compulsory camp	Faculty	08/07/2023	22/03/2023
142		Seminar titled “The Impact of Fasting on Moral Values and Social Responsibility”	Faculty	21-03-2024	
143		Recreational Sports Day and Iftar for 200 Children	Faculty	04-04-2024	

		and Their Families with Special Needs			
144		Seminar on “Hepatitis Viruses and Liver Diseases”	Faculty	28-02-2024	
145		Seminar on “Supporting Youth-Friendly Health Services”	Faculty	05-03-2024	
146		Seminar on “Addiction and Drugs: A Warning Bell”	Faculty	19-03-2024	
147		Seminar on “Psychological Changes in Adolescents”	Faculty	26-03-2024	
148	College of Physical Education for girls	Symposium on “Methods of Standardization of Specific Means in Training”	Faculty	15/03/2023	
149		Symposium on “Recreation and Psychological Stress”	Faculty	07/03/2023	
150		Symposium on “Digital Transformation Strategy in Physical Education”	Faculty	09/03/2023	
151		“Social Media Addiction” Seminar	Faculty	12/03/2023	
152		Environmental program "Speak Green"	Faculty	20/03/2023	
153		Symposium on “Principles of Psychological Dealing with the Gifted”	Faculty	14/03/2023	
154		“Let’s Live Without Diseases” Symposium	Faculty	03/05/2023	
155		Symposium on “Spine Injuries Diagnosis and Treatment Methods”	Faculty	29/04/2023	
156		Symposium on “Early Marriage and the Population Issue”	Faculty	30/04/2023	
157		Seminar “National Dialogue Forum under the slogan What Youth Think”	Faculty	23/05/2023	
158		College employment forum	Engineers Syndicate	20/05/2023	
159		Symposium on “Naval Forces Championships between the War of Attrition and the October War”	Faculty	18/05/2023	
160		Charity Fair for the Blind to Showcase Their Products to Students and Employees	Faculty	25-02-2024	
161		Badminton Festival	Faculty	26-01-2024	
162		Awareness Seminar titled “Practical Applications for	Faculty	21-02-2024	

		Recovery After Training and Competitive Sessions in Sports"			
163		Awareness Seminar titled "Adolescence"	Faculty	04-03-2024	
164		Awareness Seminar titled "Positive Parenting"	Faculty	13-03-2024	
165		Awareness Seminar titled "Proper Nutrition and First Aid"	Faculty	26-02-2024	
166		Awareness Seminar titled "Modern Technological Techniques in Education and Their Importance in Sports"	Faculty	23-04-2024	
167		Awareness Seminar titled "The Role of Kinetic Education in Developing Skills for People with Disabilities"	Faculty	23-03-2024	
168		Awareness Seminar titled "Statistics and Its Applications in Sports"	Faculty	20-04-2024	
169		Awareness Seminar titled "Employing Modern Technologies in Sports Sciences"	Faculty	24-04-2024	
170	Faculty of Science	High Energy Physics Simulation Course	Faculty	04/02/2023	07/02/2023
171		Charity exhibition	Faculty	04/03/2023	06/03/2023
172		An awareness seminar and an exhibition to introduce how to rationalize water	Faculty	12/03/2023	
173		Teaching Excellence in Physics Education workshop	Faculty	19/03/2023	
174		Neuroinflammatory Mechanisms Underlying	Faculty	08/03/2023	
175		Orphan's Day celebration	Faculty	05/05/2023	
176		Course "Safety requirements for working at heights and safety in using scaffolds"	Faculty	20/05/2023	
177		world Quantum Day 2023 - Egypt	Online	14/04/2023	
178		Celebrating the Children's Festival "Orphan's Day"	Faculty	05/05/2023	
179		Lecture: "Roadmap for a better future"	Faculty	06/05/2023	
180		The 10th Student Research and Innovation Conference and the 3rd Postgraduate Conference	Faculty	13/05/2023	14/05/2023

181		Training course "First Aid"	Faculty	27/07/2023	
182		Mathematics workshop for postgraduate students	Faculty	06-02-2024	08-02-2024
183		The 11th employment forum	Faculty	10-02-2024	
184		Lecture "How Can Fresh Graduates Be Candidates for Oil and Gas"	Faculty	16-03-2024	
185		The 11th student conference on research and innovations and the 4th postgraduate conference	Faculty	27-04-2024	28-04-2024
186		Workshop on the basics of occupational safety and health to provide a safe working environment	Faculty	30-04-2024	
187		Lecture "How Graduates Prepare Themselves for a Safety Career"	Faculty	06-04-2024	
188		Organizing occupational safety and health activities for the academic year 2023/2024	Faculty	08-07-2024	29-07-2024
189		Organizing a series of special activities and workshops by the American Chemical Society - Egypt (Egyptian Chapter)	Faculty	24-07-2024	07-08-2024
190		Introduction to Computer Basics	Faculty	Jul-23	
191		German Course	Faculty	Jul-24	
192		"ICDL"	Faculty	Aug-23	
193		"Computer Applications"	Faculty	Sep-23	
194		"ICDL"	Faculty	Oct-23	
195		German Course	Faculty	Nov-23	
196		"Computer Applications"	Faculty	Dec-23	
197		"ICDL"	Faculty	Dec-24	
198		"Teacher Preparation"	Faculty	Jan-24	
199		Introduction to Computer Basics	Faculty	Feb-24	
200		"ICDL"	Faculty	Feb-25	
201		Introduction to Computer Basics	Faculty	Mar-24	
202		"ICDL"	Faculty	Mar-25	

203		Introduction to Computer Basics	Faculty	Mar-26	
204		"Computer Applications"	Faculty	Apr-24	
205		German Course	Faculty	May-24	
206		"Computer Applications"	Faculty	May-25	
207		German Course	Faculty	Jun-24	
208		Introduction to Computer Basics	Faculty	Jun-25	
209		"ICDL"	Faculty	07-Sep-23	
210		Unit of Electron Microscope and Scientific Research Service	Faculty	31-Oct-23	
211		Modern Methods for Identifying Chemical Compounds Using Available Devices in the Electron Microscope Unit	Faculty	January 30-31, 2024	
212		Basic Aspects of the Cosmetics Industry	Faculty	February 6-7, 2024	
213		Skin Care Products and Perfume Industry	Faculty	February 20-22, 2024	
214		Structure and Uses of Transmission and Scanning Electron Microscopes in the Ultra-Structure Study of Dental and Oral Para-Dental Tissues	Faculty	09-Jul-23	
215		Special Units at the Faculty of Science, Alexandria University	Faculty	September 9-27, 2023	
216		Research Intelligence	Faculty	November 11-19, 2023	
217		Marine Pollution	Faculty	02-Dec-23	
218		Abu Qir Fertilizers Company: Objectives and Opportunities	Faculty	16-Dec-23	
219		Science, Technology, and Innovation Map in Egypt	Faculty	23-Dec-23	
220		How Can Fresh Graduates be Candidates for the Oil and Gas Industry	Faculty	16-Mar-24	
221		How Can Fresh Graduates be Candidates for the Oil and Gas Industry (Part 2)	Faculty	06-Apr-24	
222		How Graduates Prepare Themselves for a Safety Career	Faculty	30-Apr-24	
223		Dealing with the Exam Paper in Exam Committees and Important Tips to Avoid Mistakes	Faculty	01-May-24	

224		How to Use Fire Extinguishers in Firefighting	Faculty	07-May-24	
225		Occupational Safety and Health and Environmental Protection	Faculty	09-May-24	
226		How to Safely Evacuate in Emergencies	Faculty	22-May-24	
227		Guidance Tips for Observers on Exam Rules in Light of the Requirements of the Electronic Correction System	Faculty	06-Apr-24	
228		How Can Fresh Graduates be Candidates for the Oil and Gas Industry	Faculty	From September 17, 2023 to September 28, 2023	
229		Training Members of the Committee at the Labor Cultural Institution Affiliated with the Ministry of Manpower	Faculty	30-Apr-24	
230		Using Types of Fire Extinguishers Available at the College (for Laboratory Technicians, Storekeepers, and Auxiliary Service Workers)	Faculty	09-May-24	
231		How to Safely Evacuate in Emergencies for Firefighting and Evacuation Teams	Faculty	Periodically	
232		Five Members of the Occupational Safety and Health Committee Trained on Firefighting	Faculty	23-Apr-24	
233		Lecture on Mental Health	Faculty	24-Apr-24	
234		Lecture on Crisis Management and Problem Solving	Faculty	31-Jul-23	
235		Lecture on Water, Human Health, and Sustainability	Faculty	07-Aug-23	
236		Lecture on Occupational Safety and Health Legislation	Faculty	14-Aug-23	
237		Securing the Work Environment from Fires and Electrical Hazards	Faculty	31-Aug-23	
238		Occupational Safety and Health Requirements and Emergency Plan	Faculty	27-Jul-23	
239		First Aid	Faculty	31-Jul-23	

240		Water, Human Health, and Sustainability	Faculty	21-Aug-23	
241		How to Use Different Types of Fire Extinguishers	Faculty	01-Jul-24	
242		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Mathematics and Computer Science at the College	Faculty	02-Jul-24	
243		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Environmental Sciences at the College	Faculty	03-Jul-24	
244		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Physics at the College	Faculty	04-Jul-24	
245		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Geology at the College	Faculty	05-Jul-24	
246		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Botany and Microbiology at the College	Faculty	06-Jul-24	
247		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Zoology at the College	Faculty	07-Jul-24	
248		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Biochemistry at the College	Faculty	08-Jul-24	
249		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Marine Sciences at the College	Faculty	09-Jul-24	

250		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Department of Chemistry at the College	Faculty	10-Jul-24	
251		How to Apply Occupational Safety and Health Requirements to Avoid Work Hazards in the Occupational Safety and Health Unit at the College	Faculty	10-Feb-24	
252		Eleventh Employment Forum	Faculty	April 27-28, 2024	
253		Eleventh Student Conference for Undergraduate Research and Innovations and Fourth Graduate Studies Conference	Faculty	20-May-24	
254		Orphan Day Celebration titled "Children's Carnival"	Faculty	25-Nov-23	
255		Introduction to Artificial Intelligence and Its Uses	Faculty	26-Nov-23	
256		Steps for Preparing Experimental Models for Scientific Projects	Faculty	27-Nov-23	
257		Steps for Proper Scientific Writing	Faculty	28-Nov-23	
258		Poster Design and Presentation Skills	Faculty	01-Aug-24	
259		Scientific Research and Rules of Scientific Writing	Faculty	02-Aug-24	
260		Preparation and Development of Experimental Models for Research Projects	Faculty	08-Aug-24	
261		Human and Environment	Faculty	09-Aug-24	
262		Biodiversity and Animal Classification	Faculty	10-Aug-24	
263	Faculty of Tourism and Hotels	Charity market	Faculty	14/03/2023	16/03/2023
264		A training program to spread awareness of sustainable development concepts	Faculty	12/01/2023	
265		Forum "Coptic Islamic Heritage, the Future of Industry in Egypt"	Faculty	27/04/2023	
266		Symposium on " Climate Changes and Water Resources in Egypt"	Faculty	14/03/2022	
267		Symposium " Mother's Day"	Faculty	21/03/2022	
268		Seminar" Establishing Question Banks"	Faculty	28/03/2022	

269		Symposium on" Jojoba asa Model for Confronting Desertification, Climate Change and Sustainable Development"	Faculty	04/04/2022	
270		Symposium" Rumors and their danger to society, awareness and trend culture"	Faculty	11/04/2022	
271		Seminar on" Exam Vocabulary and Making a Table of Specifications"	Faculty	18/04/2022	
272		annual job fair	Faculty	10/05/2022	
273		Different types of agricultural land and climatic changes	Faculty	23/05/2022	
274		Symposium" Control of diseases by climate control in greenhouses"	Faculty	30/05/2022	
275		Charitable exhibition of service social solidarity to serve the families in need	Faculty	27/04/2022	
276		Course" Safe production of fruits and vegetables"	Faculty	17/07/2022	18/07/2022
277		Operation and maintenance of internal combustion engines course	Faculty	19/07/2022	
278		Course" Modern Soilless Farming Systems"	Faculty	20/07/2022	
279		Requirements of the Food Safety Authority in Food Factories	Faculty	21/07/2022	
280		Landscape, Hard and Soft, AutoCAD and Real are done in web design	Faculty	24/07/2022	25/07/2022
281		Ornamental fish breeding and the most common diseases in fish farms	Faculty	26/07/2022	27/07/2022
282		Principles of chemical, microbial and physical food analysis techniques	Faculty	28/07/2022	
283		Diagnosis of viral plant diseases	Faculty	13/07/2022	01/08/2022
284		Livestock production under global warming	Faculty	02/08/2022	03/08/2022
285		Microbial quality testing of foods and methods for detecting food poisoning microbes	Faculty	04/08/2022	
286		Beekeeping and beekeeping industry	Faculty	06/08/2022	07/08/2022
287		home pest control	Faculty	09/08/2022	
288		Quail is one of the small projects	Faculty	10/08/2022	

289		Growing and caring for mushrooms	Faculty	13/08/2022	
290		Using the Egyptian Knowledge Bank	Virtual	11/08/2022	
291		Time management and decision making		14/08/2022	
292		Celebration of Arab Heritage in Collaboration with the Faculty of Tourism and Hotels, the Greek Museum, and the Manuscripts Museum	Bibliotheca Alexandrina	18-04-2024	
293		Non-Profit Charity Market by Kayan Charity Association	Faculty	07-03-2024	10-03-2024
294		Non-Profit Charity Market by Kayan Charity Association	Faculty	22-04-2024	24-04-2024
295		Seminar titled "The Role of Egyptian Museums in Promoting Egyptian Heritage"	Faculty	02-03-2024	
296		Job Fair for Fourth-Year College Students	Faculty	06-03-2024	
297		Annual Scientific Conference of the Department of Tourism Studies	Faculty	26-03-2024	
298		Seminar titled "Preserving Alexandria's Heritage"	Faculty	21-02-2024	
299		Seminar titled "Empowering Women to Excel in the Labor Market in 2024"	Faculty	29-02-2024	
300		Conference on "Innovation in the Tourism Industry Amidst Global Contemporary Changes"	Regal Heights Hotel	24-04-2024	25-04-2024
301		Annual Scientific Conference of the Department of Tourist Guidance	Faculty	30-04-2024	
302		Scientific Seminar of the Department of Tourist Guidance Cultural Season	Faculty		
303		Holding the "Cultural Heritage Forum" as Part of the Training Program for Master's Students in Cultural Heritage Studies	Faculty	10-08-2024	
304		Holding the Second Summer Camp for Tourism and Environmental Activities	Faculty	25-08-2024	26-08-2024

305		Holding the “Cultural Heritage Forum”	Faculty	10-08-2024	
306	Saba Pasha Faculty of Agriculture	Your food is your medicine symposium	Faculty	13/03/2023	
307		Symposium on the philosophy of fasting in heavenly religions	Faculty	27/03/2023	
308		Symposium on fish farming, present and future	Faculty	03/04/2023	
309		Symposium on “Food Quality and its Specific Standards”	Faculty	29/01/2023	
310		Bioinformatics Applications Symposium	Faculty	30/01/2023	
311		Symposium on fish farming and the challenges it faces	Faculty	31/01/2023	
312		Seminar on the formation of unconventional feed mixtures	Faculty	01/02/2023	02/02/2023
313		Symposium on genetic engineering and its relationship to solving plant disease problems	Faculty	05/02/2023	
314		Symposium on forensic evidence and its relationship with insects	Faculty	06/02/2023	
315		Agricultural engineering and its relationship to solving desertification problems	Faculty	07/02/2023	
316		Protected agriculture, its goals and advantages	Faculty	08/02/2023	
317		Food safety basics	Faculty	09/02/2023	
318		Smoking and addiction cessation initiative	Faculty	13/02/2023	
319		Your health is a crown and a seminar on obesity and thinness	Faculty	20/02/2023	
320		Symposium on zinc and its impact on the environment and plants	Faculty	27/02/2023	
321		Symposium on genetic engineering and its relationship to solving plant problems	Faculty	06/03/2023	
322		“Food is your medicine” symposium	Faculty	13/03/2023	
323		Mother's Day celebration and honoring exemplary mothers	Faculty	20/03/2023	
324		Symposium on the philosophy of fasting in heavenly religions	Faculty	27/03/2023	

325		Symposium on fish farming, present and future	Faculty	03/04/2023	
326		Laylat al-Qadr exhibition to serve the college community	Faculty	10/04/2023	
327		The college's annual employment meeting	Faculty	08/05/2023	
328		Symposium: No to bullying and harassment for a better society	Faculty	20/04/2023	
329		Symposium on engineering and its relationship to solving plant disease problems	Faculty	09/07/2023	
330		Dairy Industry Symposium: The Dilemma of Safety and Security	Faculty	10/07/2023	
331		Public health pest control symposium	Faculty	12/07/2023	
332		Seminar on basics of food quality and safety	Faculty	13/07/2023	
333		Bioinformatics applications for sustainable insect pest control programme	Faculty	16/07/2023	
334		Training Course: "Vegetable Cultivation on Rooftops"	Faculty	28-01-2024	
335		Training Course: "Modern Farming Systems" - Hydroponics, Aquaponics, Sandponics	Faculty	29-01-2024	
336		Training Course: "Prerequisite Programs in Food Safety Management Systems"	Faculty	30-01-2024	
337		Training Course: "Biological Control"	Faculty	13-01-2024	
338		Training Course: "Fish Farming and Its Challenges"	Faculty	01-02-2024	
339		Training Course: "Safe Use of Pesticides"	Faculty	04-02-2024	
340		Training Course: "Landscaping and Garden Design"	Faculty	05-02-2024	
341		Training Course: "How to Produce Chemical Fertilizer and Vermicompost"	Faculty	07-02-2024	
342		Training Course: "Biotechnology and Its Relationship with the Environment"	Faculty	06-02-2024	

343		Training Course: "Greenhouses"	Faculty	08-02-2024	
344		Organizing a Charity Market	Faculty	19-02-2024	20-02-2024
345		Seminar: "Fasting and Heavenly Religions - Worship of Fasting and Its Effects on Humans"	Faculty	11-03-2024	
346		Seminar: "Egyptian Knowledge Bank"	Faculty	25-03-2024	
347		Seminar: "Ramadan and Quitting Smoking and Addiction"	Faculty	01-04-2024	
348		Seminar: "Modern Trends in Nutrition"	Faculty	15-04-2024	
349		Seminar: "Landscaping and Garden Design"	Faculty	22-04-2024	
350		Seminar: "Accounting in the Agricultural Field"	Faculty	29-04-2024	
351		Annual Employment Fair for the College	Faculty	09-05-2024	
352		Service Training Courses During the Summer Vacation 2023/2024	Faculty	08-07-2024	22-07-2024
353		Free Training Course for Third-Year Students in the Department of Land Reclamation and Desert Cultivation	Faculty	21-07-2024	15-09-2024
354	Faculty of Early Childhood Education	Symposium on "Early Childhood Education after the Corona Pandemic."	Faculty	14/03/2023	
355		An awareness lecture for workers at Alexandria University	Faculty	07/03/2023	
356		Seminars to raise health awareness and behavior for students	Faculty	26/02/2023	26/03/2023
357		Modern visions conference for scientific research in the field of early childhood in light of sustainable development	Conference Hall	06/05/2023	
358		Conference towards new professional horizons in light of sustainable development	Faculty	29/07/2023	
359		The first promise ceremony for the Scout and Guidance Group at the Educational Center	Faculty	20/08/2023	
360		Visit the Bilal Bin Rabah Association	Association	22/07/2023	
361		Conference "Rehabilitating children with disabilities in a	Port Said	04/10/2023	

		changing world according to Vision 2030.”			
362		Celebration of World Wildlife Day	Faculty	02-03-2024	
363		Seminar on Anger Management	Faculty	10-02-2024	
364		the Scientific Conference of the Department of Psychological Sciences: “Towards New Professional Horizons in Light of Sustainable Development”	Faculty	27-02-2024	
365		Awareness-Raising Seminars to Enhance Health Awareness	Faculty	01-02-2024	
366		Workshop: “New Solutions to Support ArabScientific Publishing”	Faculty	14-02-2024	
367		Seminar on Adolescence and How to Deal with Adolescents	Faculty	17-02-2024	
368		Seminar on Healthy Nutrition, Exercise, and Healthy Diets for a Healthy Body	Faculty	24-02-2024	
369		Graduation Ceremony for the Children of the Educational Center	Anfoushi Cultural Palace	30-05-2024	
370		Organizing the Fourth Forum of the Department of Educational Sciences to Discuss Issues Related to Education	Pharos Faculty Club	24-06-2024	
371	Faculty of Pharmacy	Check in Now Chek Out Never Addiction a life long hotel stay	Faculty	09/03/2023	
372		Keep Your Brain Keep your Geart	Faculty	16/03/2023	
373		100 Million Health Initiative for early screening for chronic diseases and breast cancer	Faculty	22/03/2023	
374		Student exhibition	Faculty	28/03/2023	30/3/203
375		Women,s Health Empowerment Pharmacy Prespectives	Faculty	14/05/2023	15/05/2023
376		Conducting a training course on civil protection	Faculty	11-02-2024	16-02-2024
377		Conducting two training courses for pharmacists: “Women’s Health Empowerment: Perspectives”	Faculty	21-02-2024	22-02-2024

378		Conducting an online lecture titled "A Life Worth Living: How to Take Care of Yourself"	Faculty	14-05-2024	
379		Holding a student exhibition for the benefit of students and staff at the college	Faculty	02-03-2024	04-03-2024
380		A scientific seminar titled "Pharmaceutical Nutritional Supplements: An Advanced Approach in Healthcare"	Faculty	30-11-2023	
381		Workshop "Technology, Innovation, and Commercialization Office"	Faculty	25-02-2024	
382		Awareness day "Free Screening for Dry Eyes"	Faculty	28-02-2024	
383		Introduction day to the activities of several associations concerned with people of determination	Faculty	12-03-2024	
384		Awareness day "A Better Life Through Better Vision" on the prevention of eye diseases organized by Noor Stores	Faculty	25-03-2024	26-03-2024
385		Workshop "Scientific Communication Skills"	Faculty	09-05-2024	
386		Student employment fair	Faculty	21-04-2024	23-04-2024
387		Seminar "Recovery Concepts in Substance Abuse"	Faculty	16-05-2024	
388	Higher Institute of Public Health	Smoking effectiveness and addiction	Institute	07/03/2023	
389		International Women's Day	Institute	08/03/2023	
390		Labor Day Symposium	Institute	21/05/2023	
391		Symposium on violence against women	Institute	25/05/2023	
392		Charity market	Institute	21/06/2023	22/06/2023
393		Symposium on challenges of autism spectrum disorder	Institute	20/06/2023	21/06/2023
394		Annual conference of the Department of Epidemiology	Institute	30/08/2023	
395		Organizing an event titled "International Women's Day"	Institute	04-03-2024	
396		Seminar "Cancer Prevention Everyday"	Institute	29-04-2024	

397		Training course "Research Methods"	Institute	12-05-2024	13-05-2024
398		Seminar titled "How Cancer Happens and Why"	Institute	28-05-2024	
399		Seminar titled "Healthcare for Refugees: Rights, Challenges, and Cooperation Prospects"	Institute	23-06-2024	
400		Seminar titled "Liver Cancer in Egypt"	Institute	26-06-2024	
401		Workshop "Intellectual Property and Public Health: Intersection Areas, Challenges, and Opportunities"	Institute	27-06-2024	
402	Medical Research Institute	Induction day and third student conference for postgraduate students	Institute		
403		Scientific day about "World Kidney Disease Day"	Institute		
404		Us Guided Interventions for Never Entrapment	Institute		
405		Symposium: "Are we misusing antibiotics?"	Institute		
406		Ideal mother competition	Institute		
407		A visit to the institute from Alexandria Rasma Language Secondary School for Girls	Institute		
408		The Eighth International Conference of the Department of Chemical Pathology	Institute		
409		The nineteenth conference of the institute	Institute	5/14/2023	
410		Charity market	Institute	1/29/2023	
411		A charity market for the benefit of patients of the Research Institute Hospital	Institute	2/26/2023	
412		Scientific meeting on the General Hepatology Day	Institute		
413		Seminar on "Safe Disposal of Medical Waste"	Institute		
414		Training seminar on "Types of fires and how to deal with them"	Institute		
415		Training course on first aid	Institute		
416		Seminar "How to write a CV"	Institute		

417		charity market	Institute		
418		Organizing a charity market for the benefit of the institute's affiliates and patients	Institute	27-01-2024	28-01-2024
419		Organizing a charity market for the benefit of the institute's affiliates and patients	Institute	03-03-2024	
420		Holding an annual conference for the Biochemistry Department	Institute	03-03-2024	
421		Organizing a seminar "Physical and Psychological Abuse: Detection and Treatment Methods"	Institute	19-02-2024	
422		Organizing a scientific day	Institute	22-07-2024	
423		Holding the 4th conference of the Human Physiology Department titled "Nervous Tension: From Research to Clinical Practice"	Institute	23-05-2024	
424		Seminar titled "First Aid in Pre-Cardiopulmonary Resuscitation Cases"	Institute	16-07-2024	
425		Seminar titled "First Aid in Cases of Wounds, Burns, and Fractures"	Institute	23-07-2024	
426		Organizing a seminar titled "Basics of Drug Safety and Security"	Institute	19-08-2024	
427		the workshop of the Biochemistry Department titled "Nucleic Acids Extraction"	Institute	11-08-2024	12-08-2024
428		Organizing a seminar titled "Cardiac Amyloidosis Day"	Institute	30-09-2024	
429		Organizing a scientific day titled "Celiac Disease"	Institute	02-10-2024	
430		Organizing a scientific conference titled "Sharing Experiences in Infection Control Practices"	Institute	12-10-2024	
431	Institute of Graduate Studies and Research	Lecture: "Scientific Research in Facing Societal Challenges"	Institute		
432		Lecture: "From Scientific Research to Entrepreneurship"	Institute		
433		Lecture: "Spotlight on the Science, Technology and	Institute		

		Innovation Funding Authority”			
434		Workshop “Developing a research project proposal in the field of climate change”	Institute	2/20/2023	
435		Lecture: “Spotlight on the Science, Technology and Innovation Funding Authority”	Institute		
436		Microbial fuel cell as sustainable approach for water	Institute		
437		Lecture: “My Experience with the Industry”	Institute		
438		Hosting faculty members from King Saud University at the institute	Institute		
439		Sustainable Development Prospects Lecture: Modern trends in polypropylene recycling	Institute		
440		A literary vision lecture, presenting the stories of songs	Institute		
441		Sustainable biofuels lecture	Institute		
442		The event of “A Literary Vision: Presentation of the book Hakawi Al-Aghani”	Institute		
443		Lecture titled “Business Growth: The Path to Investing in Scientific Research”	Institute	22-01-2024	
444		Public lecture titled “Education, Learning, and Scientific Research in the Era of Generative AI”	Institute	17-02-2024	
445		Lecture titled “Renewable Energy from Biomass: Challenges and Opportunities”	Institute	02-03-2024	
446		Lecture titled “The Role of Innovation in Achieving Business Competitiveness”	Institute	24-02-2024	
447		Lecture titled “The Role of the Basel Regional Center for Training and Technology Transfer to Arab States and Features of the Cooperation Agreement between the Center and the Institute”	Institute	21-04-2024	
448		Lecture titled “From Scientific Research to	Institute	11-05-2024	

		Industrial Success: The Journey of Entrepreneurship and Achieving Impact”			
449		Organizing the Environmental Scientific Forum on the Occasion of World Environment Day 2024	Instiute	08-06-2024	
450		Conference titled “Industry and Environment”	Instiute	30-01-2024	31-01-2024
451		The First Conference on Advances in Science for Sustainable Development	Instiute	18-05-2024	19-05-2024
452		Seminar titled “University Resilience to Climate Change: Sustainability, Innovation, and Zero Emissions”	Instiute	08-01-2024	
453		Training workshop titled “Authority Control and Linked Data”	Instiute	29-02-2024	
454		Seminar titled “The National Initiative for Smart Green Projects: Introduction to Its Goals, Categories, and Nomination Criteria”	Instiute	20-08-2024	
455		Holding a public lecture “Using Modern Technology to Build Housing, Commercial Buildings, and Educational Facilities”	Instiute	02-06-2024	
456	Faculty of Economic Studies	A charity exhibition in cooperation with the Sarh Association	Faculty	3/8/2023	
457		Symposium on “Local and International Economic Conditions”	Faculty		
458		Don't Ask Google Workshop	Faculty		
459		College visit to the Egyptian Military Museum and Saladin Citadel	Faculty		
460		Symposium on Egyptian foreign policy and current transformations in international politics	Faculty		
461		The sixth scientific conference of the college	Faculty	5/4/2023	
462		The Fourth Forum for Arab Youth Entrepreneurship, in cooperation with the	Faculty	7/17/2023	

		Economic Development Association			
463		Seminar: "The Egyptian Pound Crisis and How to Get Out of It"	Faculty		
464		Organizing the "Young Politician" program	Faculty	06-03-2024	09-03-2024
465		Organizing the annual charity clothing exhibition in cooperation with the "We Are Good" Foundation	University Dormitories	02-01-2024	24-01-2024
466		The second employment forum for 2024 for college graduates	Faculty	05-03-2024	
467		Organizing the 7th scientific conference on the economic and political axis	Faculty	24-04-2024	25-04-2024
468		Seminar titled "Paths of the Palestinian Cause"	Faculty	20-02-2024	
469		Organizing a tree planting and pruning day and planting fruit trees as part of the "Green Change Leaders" project	Faculty	28-07-2024	
470	Faculty of Medicine	The Third Annual Conference of Doctors of Excellence at the College of Medicine	Faculty	23/02/2023	
471		Alexandria Children's Cancer Hospital Association Fifth International Oncology Conference	Hilton King Rush	23/02/2023	25/02/2023
472		Charity clothing fair	Faculty	04/04/2023	05/04/2023
473		Alexandria Oncology Forum	Helnan Palestine	03/05/2023	05/05/2023
474		A scientific meeting between the Mother and Child Friends Association and Shatby Hospital	Faculty	16/05/2023	
475		The 26th Annual Conference of the Department of Oncology and Nuclear Medicine	Alexandria Library	15/11/2023	17/11/2023
476		Annual conference for integrated health care for children with congenital differences, Neil Al Amal Hospital	Alexandria Library	17/09/2023	19/09/2023
477		Book fair at the educational section in Al-Mouwasat		01-01-2024	15-01-2024
478		The 36th annual clothing exhibition	Faculty	19-03-2024	20-03-2024

479		Holding a special conference for the college	Faculty	02-03-2024	03-03-2024
480		The 4th annual Excellence Conference	Faculty	21-02-2024	22-02-2024
481		The 11th annual conference on pediatric chest diseases	Faculty	07-05-2024	10-05-2024
482		Seminar titled "Combating Addiction" and raising awareness of its dangers among youth	Faculty	12-02-2024	
483		Organizing an awareness day on the occasion of "International Women's Day"	Faculty	05-03-2024	
484		Bridge Retina BRC2024 Congress	Hilton Alexandria Green Plaza	27-06-2024	28-06-2024
485	Faculty of Law	Symposium on Citizenship in Christianity and Islam	Faculty	01/03/2023	
486		Seminar titled "Reflections on Emotion and Law"	Faculty	07-03-2024	
487	Faculty of Computer and Data Science	Jobfair recruitment forum for college students	Faculty	18/05/2023	
488	Faculty of Nursing	Celebration of International Women's Day	Faculty	09/03/2023	
489		Cultural Salon "Mental Health and the Importance of Expressing Feelings"	Faculty	22/02/2023	
490		Neonatal Neuroblastomas The holistic Nursing	Faculty	05/03/2023	
491		Symposium on "Medical and Jurisprudential Questions About Chronic Diseases During the Holy Month of Ramadan"	Faculty	08/03/2023	
492		Charity exhibition	Faculty	19/03/2023	
493		A community visit to Bilal Bin Rabah House and the Health Improvement House	Faculty	12/10/2022	
494		"Scientific Writing" workshop	Faculty	22/03/2023	
495		"International Publication "	Online		
496		Cultural Salon, "Emotional Intelligence and Mental Health," Part One	Faculty	03/05/2023	

497		Cultural Salon "Emotional Intelligence and Mental Health," Part Two	Faculty	24/05/2023	
498		Orphan's Day celebration	Faculty	07/05/2023	
499		World Occupational Safety and Health Day event	Faculty	17/05/2023	
500		Exhibition of food and agricultural products	Faculty	18/06/2023	
501		"Nursing Interview Skills:Tricky Questions"	Faculty	18/06/2023	
502		"Digital Etiquette (Netiquette) "	Faculty	11/06/2023	
503		International Nurses Day	Faculty	18/05/2023	
504		Cultural Salon "Achieving psychological calm and taking care of mental health"	Faculty	25/01/2023	
505		An awareness program during the end of the year vacation	Faculty	11/07/2023	
506		Graduation ceremony for students of the Technical Institute of Nursing	Faculty	24/08/2023	
507		Handy Peer Counselor	Faculty	24/07/2023	
508		Celebrating the National Day of Alexandria Governorate	Faculty	27/07/2023	
509		Administration of Blood components	Faculty	26/07/2023	
510		Awareness day "Towards supporting and strengthening the national strategy to combat drugs"	Faculty	18/07/2023	
511		Celebrating World Down Syndrome Day titled "Differently Abled"	Faculty	03-03-2024	
512		Organizing a leather products sale exhibition	Faculty	25-02-2024	29-02-2024
513		Several educational awareness seminars to raise health awareness among college students	Faculty		
514		International Women's Day celebration "Egyptian Women: Icons of Success"	Faculty	19-03-2024	
515		Interactive workshop on first aid training	Faculty	31-01-2024	07-02-2024
516		Seminar titled "Violence Against Women: Challenges and Solutions"	Faculty	18-08-2024	
517		Awareness seminar on promoting energy	Faculty	22-09-2024	

		conservation culture and improving its efficiency			
518		Weekly workshop series on patient safety in hospitals	Faculty	13-08-2024	
519		Seminar titled "Ductus Arteriosus: Patent or Closed? That is the Question"	Faculty	25-09-2024	
520	Faculty of Engineering	Symposium on "Earthquakes, Their Impact, Dealing with Them, and Seismic Design of Buildings"	Faculty	01/03/2023	
521		21st Engineering Job Market	Faculty	20/05/2023	
522		Public lecture	Faculty	28/02/2023	
523		Public lecture titled "3D Printing of Metallic and Ceramic Materials"	Faculty	29-07-2024	
524		Celebration of the 60th Anniversary of the Graduation of the First Class from the Department	Faculty	15-08-2024	
525		Workshop between the Center of Excellence for Water and the Arab Water Center "WATER - ENERGY - FOOD"	Faculty	10-08-2024	11-08-2024
526		Workshop titled "Enhancing Cooperation between Industry and the Center of Excellence for Water" in the field of water	Faculty	23-09-2024	
527	Faculty of Dentistry	Holding a graduation ceremony for the 76th batch of the general program of the college and the 10th batch of the international program for the year 2023	Faculty	02-08-2024	
528	Faculty of Fine Arts	Course "Arts and Design"	Faculty	07-2023	
529		Course "Fundamentals of Architecture"	Faculty	07-2023	
530		Course "The Little Drawing Studio" for teaching drawing to children	Faculty	07-2023	
531		Course "Fashion Design Art"	Faculty	02-2024	
532		Course "Free Photography Art"	Faculty	02-2024	

533		Course "Fundamentals of Drawing and Coloring"	Faculty	June 2024	
534		Course "Jewelry Art"	Faculty	June 2024	
535		Course "Free Decoration Art"	Faculty	June 2024	
536		Biomat Design Philosophy: Resource-Based Architecture	Bibliotheca Alexandrina	29-07-2024	

15.2.3 Maintain and extend existing ecosystems and their biodiversity, of both plants and animals, especially ecosystems under threat

Conservation: plant, animal, and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities

- Green House (Faculty of Veterinary Medicine).
- Plantation (Faculty of Veterinary Medicine).
- Cattle Farming (Faculty of Veterinary Medicine).
- Botanic Garden (Faculty of Science in Moharram Bek).
- Botanic Garden, Green House (Faculty of Science in Moharram Bek) and its location in Alexandria City.
- Wildlife Conservation of some important fern.
- Preparation of Herbarium sheet for conservation plant species.

Botanic Garden (Faculty of Science in Moharram Bek)

The university botanic garden at the Faculty of Science is valuable to the educational and training facilities available to staff and students. In it, students can come to close intimacy with plants, use their senses of touch, smell and taste in familiarizing themselves with life features of plants, and develop their observation abilities in studying plants as they grow, mature and regenerate. Information intake is considerable. Land plots, greenhouses and sheds provide space for field experiments that may be part of botanical garden accumulates experiences and knowledge related to plant life; grasping this wealth of information and documenting it is a most welcome enterprise.

University botanic gardens often accommodate exotic species brought in to represent: (1) diverse ecological conditions in world biogeographical regions, and (2) diverse taxonomic groups of the plant kingdom. Husbanding and nursing these alien plants may need innovative means. This broadens the scope of work. The University botanical garden of Alexandria has its shares of these general attributes.

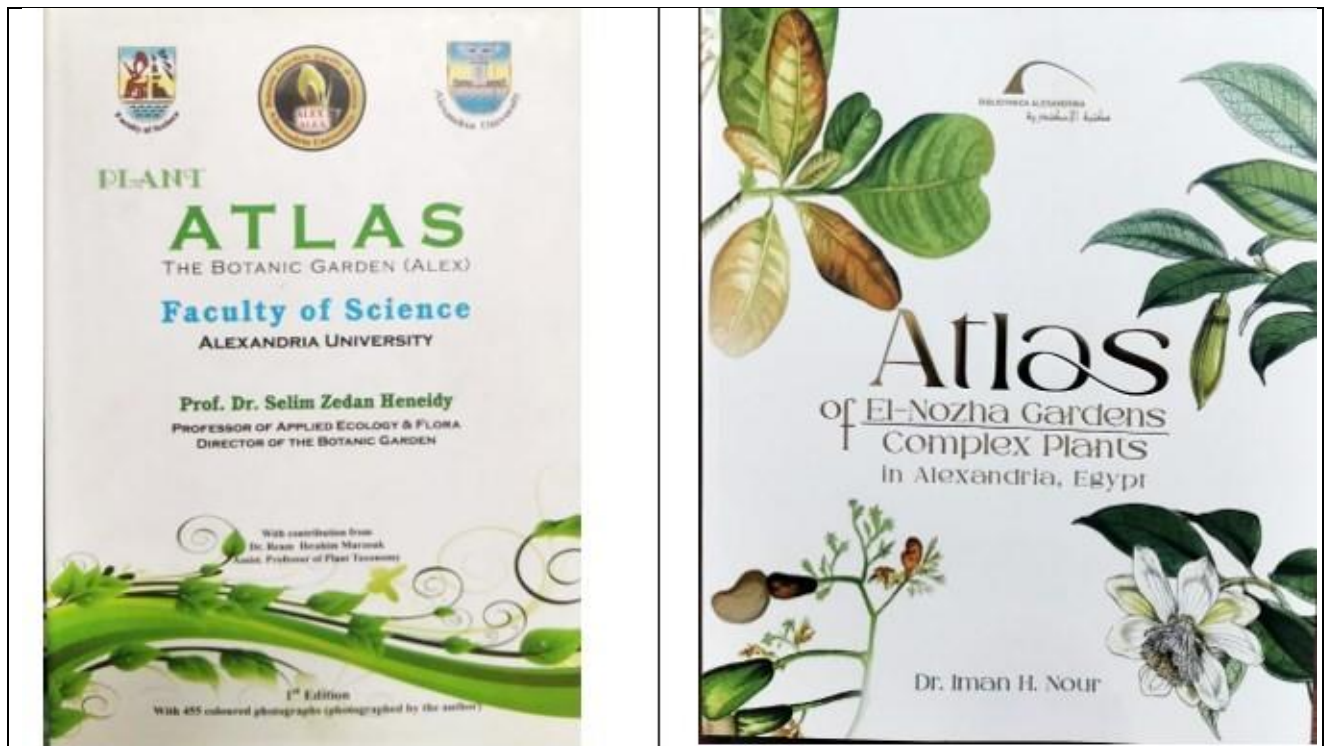
	
Botanic Garden (Faculty of Science in Moharram Bek)	Botanic Garden, Green House (Faculty of Science Moharram Bek)

The Botanical Garden is an institution holding documented collections of living plants for the purposes of scientific research, conservation, display and education.

- In 1942, a botanical garden was established at the Southern area of Muharrem Bek building (**Faculty of Science, King Farouk University**), between the coordinates: N: 31° 11' 19.38" E: 29° 54' 28.14", (Figure 1) and constituted a facility for education as well as for scientific research. Since 1942, the Botanical Garden was greatly developed and was provided with different plant species especially trees and shrubs introduced from different regions by Professor Mohamed Aziz Fekry (the Dean of Faculty of Science and Head of Botany Department 1948- 1958). It was consistently ranked as one of the top gardens by the International Union for Scientific Gardens (International code is **ALEX**), and holds some of the rare and most impressive species that facilitate improved learning, and teaching students; the purpose for which it was designed.
- This area (about 1.4 hectares) is of international concern attracting a large number of overseas visitors, who come specially to see its collections. Although these are the main objectives, care has been taken to make the garden inexpensive to maintain, as well as interesting and attractive so as to provide for the local community, staff and students the garden as a reference collection.
- According to the Global Strategy for Plant Conservation (GSPC), it is very important to put this garden on the schedule which means, listing and conserving all the garden's collections to become known, at least at the regional levels and next on the international level. With more than 455 species and 24 infraspecific epithets (subspecies, variety, forma), indigenous and introduced, in the Botanical Garden of the Faculty of Science, most of them represent tropical, subtropical, temperate species and the rest belong to the Mediterranean zone. This number is a very significant proportion of the Egyptian flora, as they belong to 121 families (total flowering plant families, which are treated 128 Boulos, 2005) while, the families treated in the checklist 2009 are 129 (Boulos, 2009). On the other hand, this garden is characterized by its high diversity,
- so the conservation of this plant diversity is both an enormous challenge and significant regional and national responsibility. It is well recognized that the plant diversity represents the

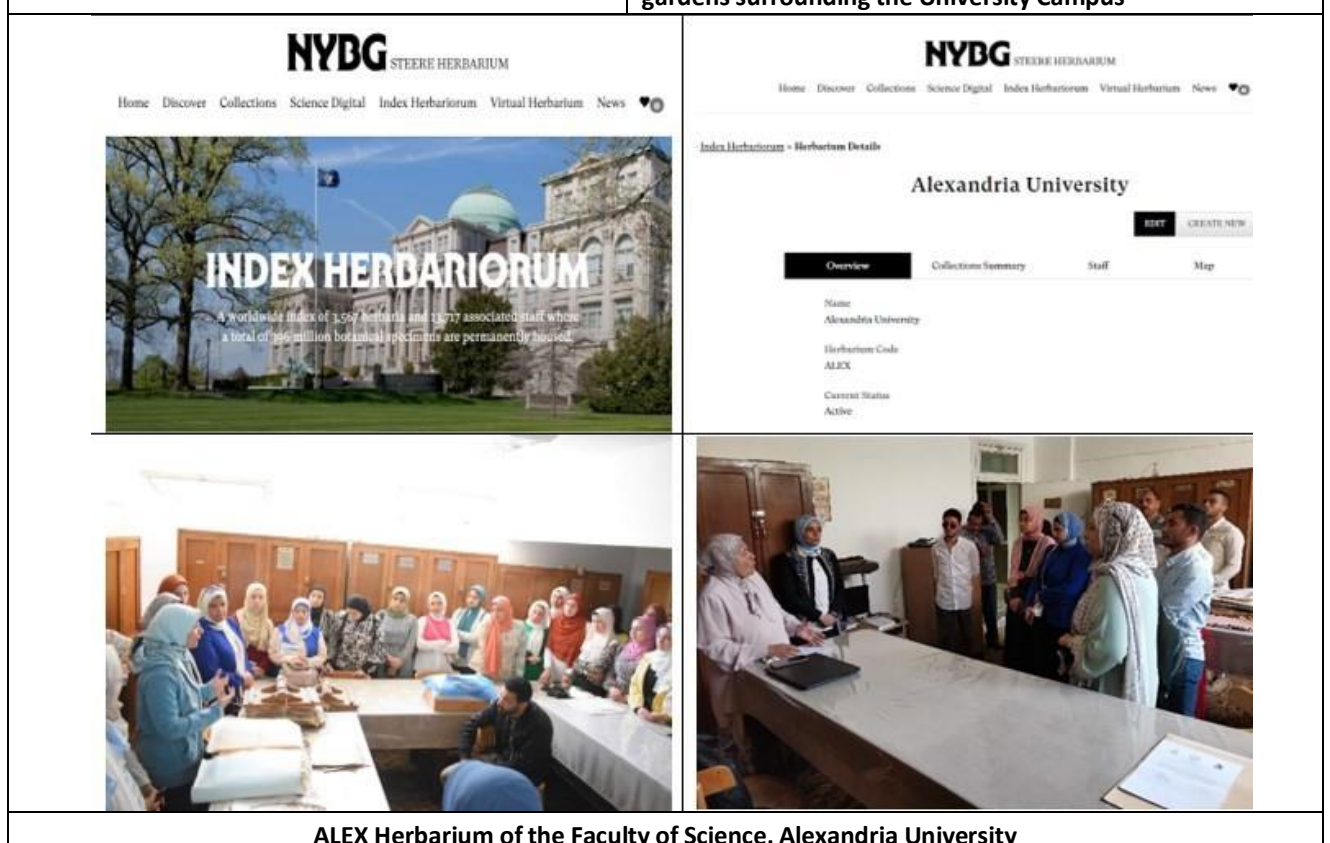
greatest source of renewable natural resources of any country. More than 25% of plant species of this botanical garden are of medicinal value, about 14% of them are used as timber and good source of valuable wood. While 86% of the botanic garden species are used in decoration. All of these species are used as teaching materials for the students of biology. Some families appear in this book under two names, e.g. Compositae and Asteraceae. According to the "International Code of Botanical Nomenclature" (ICBN) both names are accepted. In other words, one is not a synonym of the other; these are alternative names and any or both of them could be used to refer to the same family (cited by Boulos, 2009).

- Recently (in 2003) according to the Botanical Gardens Conservation International (BGCI), *ex-situ* conservation by vegetative propagation of rare species is carried out in the green houses of the Faculty of Science, Botanic Garden. For the purpose of genetic resources conservation, exchange of plant species with other botanic gardens and bulk collection of seeds representing most of plant species cultivated in the garden is also currently executed.
- In the open areas of the garden, various trees and seasonal annuals are planted, providing students with a complete opportunity to study these different plant types. What makes the garden of heritage and environmental importance is that it contains plants from different geographical regions: tropical, subtropical, temperate, and some Egyptian and Arab species. Some of these species are rare, and others are threatened with extinction and degradation. The botanical garden's activities are not limited to education but extend to scientific research. The garden provides researchers from the departments of Botany, Zoology, and Marine Sciences with the facilities to conduct their research, continuing its mission of serving science.
- Currently, the garden is one of the richest scientific gardens in Egypt, with its diverse plant species. Internationally recognized and registered with the International Association of Botanical Gardens, ALEX actively participates in global conservation efforts, including preserving endangered species and maintaining a seed bank. A comprehensive inventory of species is underway, along with conservation efforts for rare plants. The garden holds significant environmental and heritage value due to its collection of rare and diverse species.
- A book cataloging 500 species is being published, supporting the garden's educational and research mission. Therefore, scientifically cataloging and identifying them is a preservation of this heritage. This is in addition to the primary goal for which the garden was established: educating students, scholars, and researchers in basic sciences, practicing and observing them practically to understand the value of this natural wealth and preserve it for continuous benefit. Therefore, they have been collected and classified in a book containing approximately 500 plant species, including ferns, conifers, gymnosperms, and angiosperms, in more than 540 pages supported by original colored photographs, which is now under publication.



Atlas of the Botanic Garden (ALEX) located at the Faculty of Science, Alexandria University.

Conservation efforts and floristic documentation of the historic Al-Nozha garden complex: An Atlas published by Bibliotheca Alexandrina to support the conservation of gardens surrounding the University Campus



ALEX Herbarium of the Faculty of Science, Alexandria University

ALEX Herbarium of the Faculty of Science

- The herbarium is listed in the Index Herbariorum (NYBG Steere Herbarium), contains a large collection of preserved wild plants, totaling up to 6,000 specimens, located in the Faculty of Science building in Shatby. These plants represent most of the Egyptian flowering plants and

are accurately identified using flora books and cross-referenced with the Cairo University Herbarium. Specimens have been collected from the northern coast, North and South Sinai, southern Egypt up to the Sudanese border, and other regions.

- The herbarium serves graduate students and various research projects at Alexandria University and other universities. It is also a source of pollen samples for various studies. Students from various schools in Alexandria, as well as public and private universities across Egypt, are welcomed at the Herbarium of the Faculty of Science. These visits aim to introduce them to the herbarium's role, which is essential for preserving plant specimens and aiding in research, education, and conservation efforts. This effort is part of the university's plan to serve the community and achieve the 17th goal of sustainable development (partnership for the goals).
- Currently, the herbarium's plant species are being digitally photographed to facilitate the access of researchers and students without disturbing the type specimens or "reference samples" unless necessary.
- Researchers at Alexandria University are working on studies aimed at protecting and preserving the marine environment located close to the university's campus. Their research likely involves efforts to prevent pollution, protect marine biodiversity, and maintain the health of the coastal ecosystem. The focus is on ensuring that the nearby marine environment remains sustainable and unharmed by human activities or other environmental threats.

Home > SN Applied Sciences > Article

Water quality indices as tools for assessment of the Eastern Harbor's water status (Alexandria, Egypt)

Research Article
Volume 5, article

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Wagdy Labib, **Alaa A. El-Dahhar**, Shimaa A. Shahin, Mona M. Ismail, Shimaa Hosny ✉ & Mohamed H. Diab

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Monitoring of Microplastics in the Marine Environment and Their Ecological Risks; the Coastline of Alexandria, Egypt as a Case study

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Researchers at Alexandria University are conducting studies to conserve the marine environment near the University Campus

- An academic team (Ph.D.) from the Faculty of Science at Alexandria University teaches a course titled 'Man and Environment' (University Elective Course – 2 Credits). The course addresses environmental problems, types of natural resources, pollution, environmental footprint, carbon footprint, waste management, recycling, climate change and global warming, biodiversity, and the Sustainable Development Goals (SDGs). It is offered to students from various faculties at Alexandria University, such as:
 - 1) Faculty of Science
 - 2) Faculty of Tourism
 - 3) Faculty of Agriculture
 - 4) Faculty of Sport Education
 - 5) Faculty of Business
 - 6) Faculty of Computers and Data Science
 - 7) Faculty of Dentistry
 - 8) Faculty of Economics and Political Science
 - 9) Faculty of Arts
 - 10) Faculty of Nursing
- **Also, this course is offered in some programs at Alexandria National University, including:**
 - A. Computer and Data Sciences (CDS) Programs
 - B. Oral and Dental Surgery Program
 - C. Software and Multimedia Production Program (SIM)
- Courses focused on marine environments and the sustainability of marine ecosystems make use of the Research Yacht, located at the Faculty of Science in the Anfoushi area and equipped with a GPS system. Students and researchers utilize the yacht for field trips to collect samples and conduct essential studies. This access to the Research Yacht greatly supports the study, understanding, and conservation of marine life.



- A sea-cleaning robot was developed by a team of students from the Faculty of Engineering during the COP27 Climate Summit. The project involves creating an environmentally friendly vehicle that operates using electricity and solar energy, producing no emissions. Its purpose is to remove waste and oil from the seas while compiling important statistics on the impact of climate change on marine life and the environment, including coral reefs and fish. This project aims to protect the environment from waste by focusing on cleaning ports and coasts polluted by various types of waste, especially plastic, to preserve marine ecosystems. Additionally, the robot is designed to dive underwater. Many companies were interested in sponsoring this project and expanding it to benefit Egypt and the world. This initiative reflects the growing awareness among students.

15.2.4 Educational programmes on ecosystems (looking at wild flora and fauna) for local or national communities

Number of Courses/Subjects Related to Sustainability Offered

Alexandria University offers a group of courses related to the environment and sustainability in various sectors, in line with the state's strategies to achieve sustainable development goals and to achieve the goals of linking science with industry and qualifying the graduate to find job opportunities commensurate with the field of specialization. The university works to qualify the graduate by providing various awareness and training programs during the study period. The university also provides a distinguished group of postgraduate programs that are compatible with their counterparts in international universities, as indicated by the indicator data for this standard.

An academic team (Ph.D.) from the Faculty of Science at Alexandria University teaches a course titled 'Man and Environment' (University Elective Course – 2 Credits). The course addresses environmental problems, types of natural resources, pollution, environmental footprint, carbon footprint, waste management, recycling, climate change and global warming, biodiversity, and the Sustainable Development Goals (SDGs). It is offered to students from various faculties at Alexandria University, such as:

- 11) Faculty of Science
- 12) Faculty of Tourism
- 13) Faculty of Agriculture
- 14) Faculty of Sport Education
- 15) Faculty of Business
- 16) Faculty of Computers and Data Science
- 17) Faculty of Dentistry
- 18) Faculty of Economics and Political Science
- 19) Faculty of Arts
- 20) Faculty of Nursing

Also, this course is offered in some programs at Alexandria National University, including:

- D. Computer and Data Sciences (CDS) Programs
- E. Oral and Dental Surgery Program
- F. Software and Multimedia Production Program (SIM)

Courses focused on marine environments and the sustainability of marine ecosystems make use of the Research Yacht, located at the Faculty of Science in the Anfoushi area and equipped with a GPS system. Students and researchers utilize the yacht for field trips to collect samples and conduct essential studies. This access to the Research Yacht greatly supports the study, understanding, and conservation of marine life.



Example of Programs and Courses/Subjects Related to Sustainability (Alexandria University,

- Man and Environment
- Living resources and taxonomy
- Economic botany and biofuel
- Plant biotechnology and species conservation
- Water treatment and water analysis
- Plant propagation and tissue culture
- Algal Biotechnology
- Taxonomy of flowering plants
- Plant anatomy and ecology
- Quality criteria for biological applications
- Biology of Microorganisms
- Microbial diversity
- Research project
- Field study
- Environmental geology
- Marine plankton
- Marine chemistry
- Fish biology and fisheries
- Marine benthos
- Marine ecology
- Scientific research skills
- Introduction to Climate Change
- Meteorology and Climate Observation
- Marine Resources and sustainability
- Environment Risk Assessment and Management
- Geopolitics of climate change
- Environment and Energy
- Sustainable Cities
- Sustainable Communities
- Soil and Water

Egypt):

- Marine pollution
- Coastal zone management
- Aquatic aquaculture
- Effect of climate changes on marine ecosystem
- Marine microbiology

- Marine biodiversity
- Regional oceanography
- Conservation and sustainable development of natural resources
- Environmental bioremediation
- Physicochemical Processes in Environmental Engineering
- Sustainable Built Environment
- Sustainable Water Resources Development
- Environmental Sampling and Analysis
- Unit Operation for Environmental Engineers
- Thermodynamics for Environmental Engineers
- Environmental Microbiology
- Environmental Aquatic Chemistry
- Environmental Organic Chemistry
- Climate Change
- The Nile; Environments, Limnology & Human Use
- Site Assessment and Remediation
- Climate Systems
- Advanced Environmental Engineering
- Integrated Environmental Assessment
- Environmental Impacts of Power Generation
- Environmental Sensor Informatics
- Cities and the Challenge of Sustainable Development
- Green Entrepreneurship and Agribusiness
- Sustainable Energy Resources and Management
- Sustainable Management of Marginal Drylands
- Sustainable Farming Systems: Hydro and Aquaponics
- Sustainable Development
- Environmental Hydrology
- Projects Management
- Fundamentals of environmental sciences
- Sustainable development
- Climate dynamics
- Climate change mitigation, vulnerability and adaptation
- Environmental economics and management
- Statistical analysis in climate research
- Economic valuation and climate change
- Green economy
- Geographical information systems applications in climate change
- Remote sensing and environmental change
- Environmental risk assessment and management
- Community engagement and sustainable development
- Climate change, biodiversity and ecosystems functions
- Climate change and health
- Urban environment
- Climate Change Management
- Numerical Modelling and tools
- GIS and Remote Sensing
- Research Methodology and Ethics
- Climate and Ocean Modelling
- Climate Smart Agriculture
- Nanotechnology and Climate Change
- Sustainable Blue Economy
- Coral Reefs and Climate Change

- Energy Efficiency Management in Maritime Industry
- Environmental Impact Assessment
- Integrated Coastal Zone Management
- Climate Change and Biodiversity
- Global Environmental Governance
- Strategic Planning and Project Management
- Quality and Safety Management Systems
- Climate Change effects on Coastal Dynamics
- Adaptation Strategies to Climate Change for Hydraulic Risk Prevention in Coastal Areas
- Climate Change Policy of the EU
- Adaptation and Mitigation to Climate Change in Spatial Planning
- Master of WasteWater Engineering Practice
- Master of Drinking Water Engineering Practice
- Master of Radiation Physics Practice
- Master of Petrochemicals and Hydrocarbon Processing Practice
- M.Eng. Water Recourse
- M.Eng. in Irrigation Structures
- M.Eng. in Environmental Engineering
- M.Eng. in Thermal Engineering
- M.Eng. in Combustion Engines
- M.Eng. in Electrical Energy Systems and Control
- M.Sc./Ph.D in Electrical Engineering (Electrical Power and Machines)
- Master of Climate Change and Sustainable Development
- International Master of Smart Environmental Management of Climate Change
- International Master of Natural Resources Sustainability for Land Development
- International Master of Sustainable Management of Fisheries and Aquaculture Science
- Environmental silviculture and tree – resources management
- Pest control & environment protection from cides pollution.
- Soil and water sciences
- Pesticides chemistry and technology
- Sustainable management of water resources
- Sustainable management of land resources
- Occupational Hygiene and Air Pollution
- Environmental Health
- Food Hygiene and Control
- Environmental Health
- Occupational Hygiene and Air Pollution
- Food Hygiene and Control
- Environmental Studies - Biological Science
- Climatic Change and Sustainable Development
- Environment and Energy
- Sustainable Cities

Above is a list of examples of programs and courses which aims to embed sustainability that are offered by the University. The total number of courses related to the environment and sustainability in the various sectors of the university, running in the academic year 2023 – 2024, according to the data received from the colleges and specified in previous detailed table, is **1496**, which represents approximately **11.1 percent** of the total number of courses for the undergraduate and graduate levels, in 25 Faculties and Institutes at the University.

In this context, the table below shows the total number of courses related to the environment and sustainability according to the specializations of the university's various faculties and institutes:

Sectors	Number of courses related to environment and sustainability		Total number of courses Offered during the academic year 2023/2024	Percentage of the number of courses related to environment and sustainability
	Undergraduate studies	postgraduate studies	Undergraduate and postgraduate studies	
Medical sector (dental-pharmacy-nursing-veterinary medicine- - Medical Research Institute)	136	463	13520	11.1%
Basic sciences sector (Engineering - Agriculture - Saba Pasha Agriculture - Science - Fine Arts - Specific Education - Graduate Institute)	237	313		
Humanities sector (Commerce - Arts - Tourism and Hotels - Education - Law - Physical Education for Boys - Physical Education for Girls - Early Childhood Education)	223	124		
Total numbers	596	900		

The National Alexandria University was established last academic year (2022/2023) & (2023/2024), with 9 undergraduate Programs (attached is a list of the new programs). The National Alexandria University programs refer to educational programs offered by Alexandria University, which is a public university located in Alexandria, Egypt. However, public universities like Alexandria University do offer programs that are funded by the government, and students pay lower tuition fees compared to private institutions.

Study begins at Alexandria National University at its headquarters in New Smouha, starting from the academic year 2022/2023 and continuing in the academic year 2023/2024 in nine programs that grant bachelor's degrees, as follows:

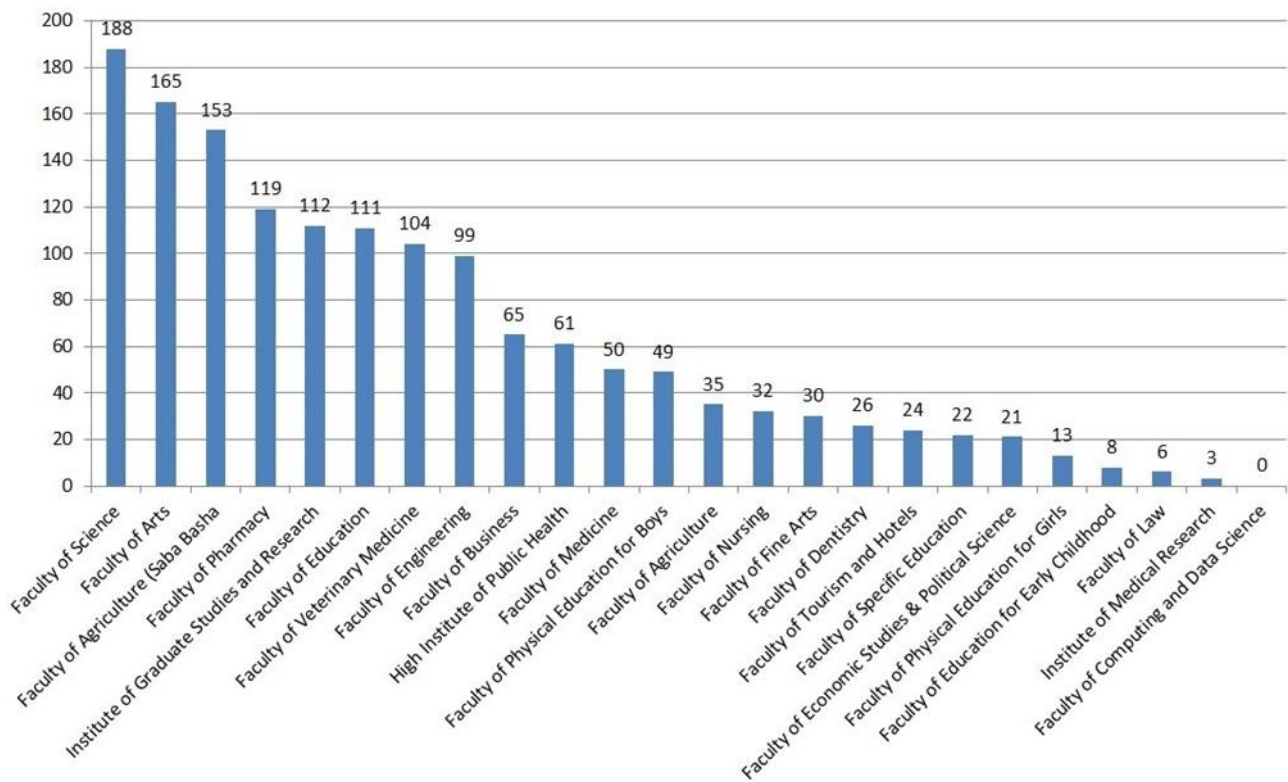
- 1 - College of Medicine - Medicine and Surgery Program.
- 2 - College of Dentistry - Oral and Dental Medicine and Surgery Program.
- 3 - College of Pharmacy - Pharm de Clinical Program.
- 4 - College of Engineering (Architecture and Construction Program - Computers and Communications Program - Mechatronics and Robotics Engineering Program).
- 5 - College of Computer and Data Sciences (Cybersecurity Program - Smart Systems Program).
- 6 - College of Science - Software and Multimedia Industry Program.

The total number of courses **at the new Alexandria National University** in the academic year 2022/2023 & 2023/2024 are 531 courses.

College	Program	Total number of courses
College of Medicine	Medicine and Surgery Program	49
College of Dentistry	Oral and Dental Medicine and Surgery Program	75

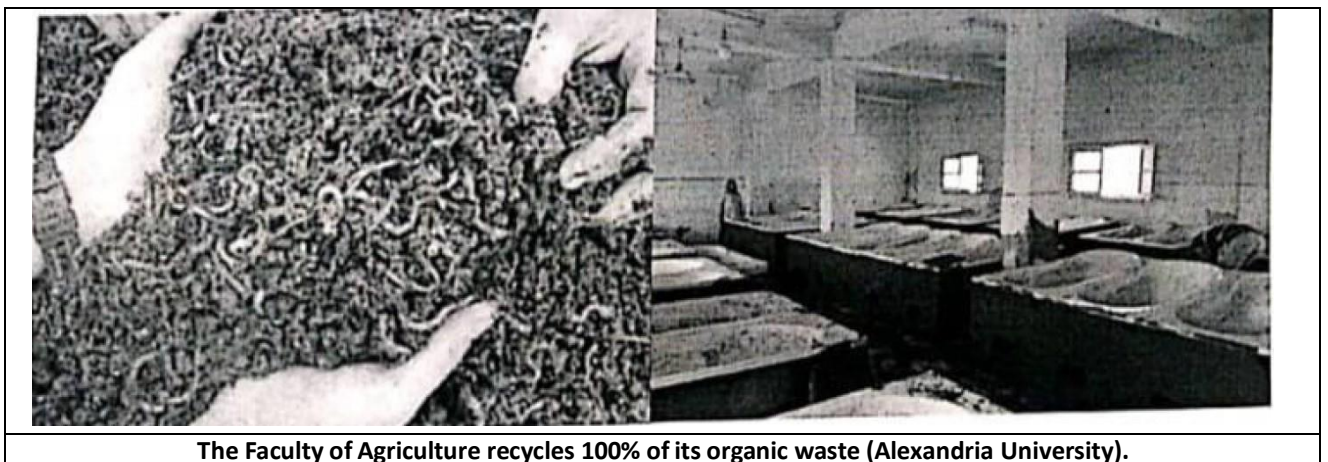
College of Pharmacy	Pharm de Clinical Program	66
College of Engineering	- Architecture and Construction Program	55
	- Computers and Communications Program	101
	- Mechatronics and Robotics Engineering Program	84
College of Computer and Data Sciences	Cybersecurity Program - Smart Systems Program	48
College of Science	Software and Multimedia Industry Program	53

Number of courses in each college that are related to sustainability



15.2.5 Educational programme/outreach for local or national communities on sustainable management of land for agriculture

- The Faculty of Agriculture recycles 100% of its organic waste.
 - Utilizing treated agricultural waste to feed farm animals.
 - Utilizing agricultural waste treated with vermi-compost in the production of organic fertilizers.
 - Utilizing agricultural waste treated with a special insect (the black soldier) to produce organic fertilizers and protein sources.
 - Producing large quantities of active biochar from agricultural waste to remove any water impurities or pesticides residues.



- The irrigated water supplied to the fish farm at the Agriculture Experimental Research Station of the Faculty of Agriculture is recycled to irrigate the crops, vegetables, and fruits of the land farm. The recycled water is rich with natural fertilizers and enhances the crops production.
- In addition, the water recycling in Fish Aquaculture of the Faculty of Agriculture, Alexandria University: The water sewage of the Aquaculture of the Faculty of Agriculture, Alexandria University which consist of eight ponds (one acre and quarter/each) in Abis region. Alexandria University used the recycled water for crops culturing in the adjacent agriculture research center in Abis.
- The use of biochar produced from Agricultural waste and waste Forests in residual removal chlorpyrifos pesticide Imidacloprid is from water agricultural drainage. Cooperation project between the Egyptian Academy of Research Science and Technology and the Czech Academy of Sciences.
- The sewage water will be treated and reused in the irrigation of green areas in Alexandria National University.

		
<p>The water sewage of the Aquaculture of the Faculty of Agriculture (Alexandria University, Egypt) The irrigated water supplied to the fish farm at the Agriculture Experimental Research Station of the Faculty of Agriculture is recycled to irrigate the crops, vegetables, and fruits of the land farm.</p>		
		
<p>The sewage water will be treated and reused in the irrigation of green areas in the project (Alexandria University)</p>		

Graduate Student Projects

No.	Faculty/Faculties	Project Name	Start Year	End Year	Funding Agency
1	Faculty of Agriculture	Eco-Friendly Methods for Detecting and Combating Termite and Wood Borer Infestations in Alexandria Governorate	2023	2026	Science, Technology, and Innovation Funding Authority(STDF)
2	Faculty of Agriculture	Prototype Development of a Bentonite-Yeast Mixture as a Feed Additive to Reduce Greenhouse Gas Emissions	2023	2025	Science, Technology, and Innovation Funding Authority(STDF)
3	Faculty of Agriculture	Development of a smart irrigation system to assess and monitor the quality of green areas and maximize the use of available water resources	2021	2021	Project Management Unit

4	Faculty of Agriculture	Design and implementation of a self-propelled unit for green area maintenance (mowing and aeration)	2021	2021	Project Management Unit
5	Faculty of Agriculture	Design and creation of a smart, integrated electronic irrigation system powered by solar energy	2020	2020	Project Management Unit
6	Faculty of Agriculture	Design and creation of an electronic unit to monitor engine performance for fault detection, diagnosis, and solutions	2020	2020	Project Management Unit