

Template for Evidence(s) UI GreenMetric Questionnaire

University : Alexandria University
Country : Egypt
Web Address : www.alexu.edu.eg

[6] Education and Research (ED)

[6.9] Number of activities organized by student organizations related to sustainability per year: more than 70 events



The Mind Cloud team (Department of Electrical Engineering- Faculty of Engineering- Alexandria University) won third place in the Unmanned Ground Vehicles Competition (UGVC), which is part of the international Unmanned System Innovation Competition (UMSIC), which was hosted by the Military Technical College and in which many international and local teams competed.



The Faculty of Science, Alexandria University, through the Departments of Geology and Zoology, participated in the “Science Celebration” for the year 2023, which was organized by the Planetarium Scientific Center at the Library of Alexandria in its seventeenth session in a row under the title “Journey to the Center of the Earth”, on September 20 and 21, 2023 in the Square of Civilizations at Bibliotheca Alexandrina.



the Faculty of Engineering team (EFFCT won first place in the “Egypt Summit for Community Investment Projects” competition, launched by the Innovators and Talents Fund, in cooperation with the Hult Prize International Competition Authority. The competition involves student teams at different universities in Egypt, who have ideas and prototypes for community projects in the field of clothing and fashion, which can be turned into startups.



Snapshots from the sessions for people of determination at the Taha Hussein Center at the Faculty of Arts during celebrations of the Glorious October War.



Chemistry info desk about ACS Alexandria University Student Chapter showing some chemical experiments to attract people and let them know how exciting and fascinating is chemistry. Some of the experiments were Chemical chameleon, artificial silk, Carbon dioxide extinguisher, Elephant toothpaste, and Non-Newtonian Fluid using corn starch.



A field visit to the Alexandria Mineral Oils Company (AMOC) for fourth-level students in the programs IMAC Faculty of Science Alexandria University in order to activate the methods and patterns of teaching and learning for the program and shed light on the applied and practical side of what was studied in the theoretical lectures for the detergents course, which included: The trip visited the company's production units, the diesel complex and the lubricant oil production complex, and learned about the hydrogen and nitrogen production units, boilers, and treated water used to cool products and equipment.



Student Mahmoud Walid Abdel Fattah, enrolled in the first level - Petroleum Geology Program at the Faculty of Science, Alexandria University - won first place and the gold medal in the African Romanian Wrestling Championship for Youth in Tunisia, for the less than 82 kg competition.



ACS LEADERSHIP SUMMIT & ABCChem CONFERENCE IN MARRAKECH, MOROCCO 12 - 16 December 2022. Marrakech leadership summit organized for International ACS Chapters Leaders to discuss various topics on chapter management, challenges, and making collaborations for achieving mutual goals.



In the 10th Creativity Festival 2022 for the youth of universities, higher institutes, and governmental and private academies, with the participation of 153 governmental and private universities and institutes across the Republic students of Alexandria University obtained first place in the field of scientific innovations _ROV, an automated submarine project dedicated to conservation on marine life and surrounding life, and first place in the field of solo singing, Alexandria University also won second place in the field of scientific innovations - the Internet of Things and artificial intelligence - the truck towing system project, and also second place in each of group singing, cultural league, and non-specialized correspondent.



Students of Alexandria university achieved Advanced Rankings in the 13th Universities Youth Week competitions, which was held at Helwan University from the 8th until the 14th of September, with the participation of 3500 male and female students from 44 public, private and national universities. The competition was held under the slogan “The New Republic: Homeland Dream.



Alexandria University Wins First Place in Innovations & Patent Index Ranking and Silver Medal in New Energy Projects at 7th Cairo International Exhibition for Innovation Fair 2023



Ahmed Hassan Abu Shady, in the preparatory group at the Faculty of Engineering and a member of the Sports Committee of the Student Union wins the gold medal in the individual freestyle taekwondo competition at the African Pumza Championship, which was held on July 13 and 14-2023 in the Rwandan capital, Kigali.



A field visit to the drinking water station in Alexandria on May 2, 2023, for fourth-level students - special chemistry Faculty of Science Alexandria University. The trip included a visit to the entrance hall for turbid water that enters the station through the Mahmoudiyah or Nubariya canal and passing it through a network or screen to get rid of the large natural pollutants present in river water, such as wood and plants, and a visit to the galleries where heavy materials are deposited at the bottom in order to remove them, and the semi-barrier that is used. Getting rid of suspended materials by helping them settle to the bottom of the chute and visiting sand filters, where the water passes through gravel, gravel and sand, which helps filter out any remaining particles, chlorine amber and the method of injecting it into the water, where chlorine is used because of its ability to kill bacteria and disease-causing organisms. They also visited laboratories and viewed the equipment used in water analysis.

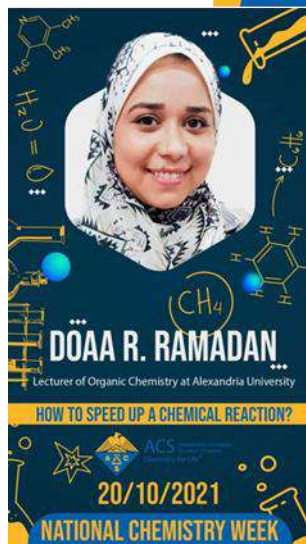


Faculty of Engineering team won the second place in the National Initiative for Smart Green Projects, startups category, with their "environmentally friendly robot" project, which was implemented by 15 students from the Faculty of Engineering during the COP27 Climate Summit.

Faculty of Engineering Team Develops Sea-Cleaning Robot, an environmentally friendly vehicle operated using electricity and solar energy without any kind of emissions, in order to remove waste and oils from the seas and compile important statistics on the extent of the impact of climate change on the marine life and environment, such as coral reefs and fish. The project aims to protect the environment from waste, explaining that the goal is to clean ports and coasts polluted by any form of waste, especially plastic, to preserve the environment and marine creatures, stressing that the robot is capable of diving under water.



The launch of the sports marathon "running and cycling" from the Camp Shizar area to the Department of Marine Sciences - Faculty of Science, Alexandria University, Anfushi. This comes within the activities of the Scientific Conference on Climate Change and Sports, which was held in the period from 27 to 29 October 2022 in cooperation between the Faculty of Science and the Faculty of Physical Education for Boys, University of Alexandria.



ACS FALL 2023 NATIONAL MEETING AT SF, CA 13 - 17 August 2023. Participation of the ACS Alexandria University Student Chapter in the fall national meeting for sharing ideas, knowing more opportunities the ACS affords for the international student Chapter. Hossny Ismail our graduate advisor and chapter co-founder presented chapter and attended the conference.

ACS Alexandria Paper Club
Monthly activity

Hosting a speaker to talk either about his research or work as a chemist, illustrating to the audience, which are mainly undergrads, the importance of chemistry, its applications and the available opportunities after graduation. Each session is concluded with an open discussion and Q&A.

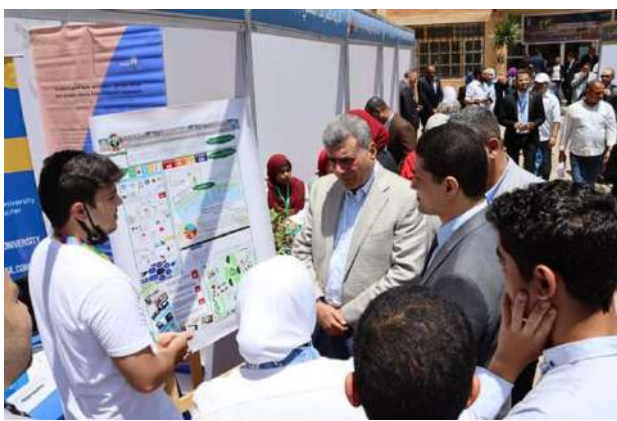


Alex Eagles Alexandria Engineering team won world gold in the SAE International Competition in America. The team won the award for the best design for a drone, first place in the world in the

design report for the “Oqab” aircraft, and first place in the world in the oral presentation, making it the first team in Egypt, the Arab world and the Middle East to achieve two gold medals in that competition. The team was able to secure two gold medals out of four, shared equally with the University of Puerto Rico team in the United States of America, which also won two gold medals in the flight rounds and the overall ranking, outperforming 30 teams from all countries of the world.



At the Faculty of Agriculture, Alexandria University, the “First Forum for Entrepreneurship and Innovations” was held on Wednesday, June 21, 2023, in the presence of a group of faculty members, the college’s supporting staff, and business and industry leaders. The students presented their innovations in various agricultural fields to real specialists from business and industry leaders, so that their innovations could be truly evaluated, including an academic and industrial perspective, so that they would be applicable on the ground.



Faculty of Science, Earth Day 22/5/2022. Chemistry Department talk about the Department achievements and showcase student chapter work and opportunities available for undergraduates before and after graduation and get the first place in the Earth Day Poster Presentation.



Training of the Safety and Health Student Team at the Faculty of Science



Alexandria University, received the Excellence Award from the Society of Petroleum Engineers International "Student chapter Excellence Award 2022"



The students of the Gas and Petrochemical Program visited the Middle East Petroleum Refining Company "Midor" on Thursday, 24/3/2022, where the students learned about the refining operations and the various industrial operations that take place in the company, the treatment and separation operations, and the expansions that take place in the company, where the company's refining capacity is 60%, and this comes as a continuation of the cooperation between the company and the Faculty of Engineering, Alexandria University, in line with the cooperation between Alexandria University, industry, and society.



SNAME Alexandria Team subscribe a group of students in the department competed in the international ship design competition among students around the world to succeed in creating a complete design and the SNAME Alexandria team won third place for the second year in a row. The “Dr James A Lisnyk Ship Design Competition” is presented by the SNAME organization to compete between various student chapters in universities around the world.



A field visit on Sunday, March 6, 2022, to the Burullus Composite Power Station, affiliated with the West Delta Electricity Production Company, for fourth-year students and tenth-term students in the electromechanical program in specialized scientific programs. The visit program began with a presentation of an introductory lecture on the installed station, including security, safety, and environmental factors monitored and recorded at the station’s site and the surrounding area. Then the students listened to a detailed lecture on the basic components of the station, as well as how to operate, manage it, and connect it to the unified republic’s network. The students then visited the site to see all the components of the station on the ground.

Description:

Number of student organizations related to sustainability:

There are 28 students' organizations related to sustainability which organized and participated in many activities.

The number of students' events related to sustainability is more than 70 events in 2022 to 2023.

The table above show examples of some activities with description and photos.

Link for Sustainable Development: <https://alexu.edu.eg/index.php/en/sustainable-development>

<https://alexu.edu.eg/index.php/en/2015-11-24-10-38-07/ranking?id=6011>

<http://sustainability.alexu.edu.eg/>

Link for Green University:

https://alexu.edu.eg/index.php/?option=com_content&view=article&id=5932&catid=21&lang=ar-AA



Evidence Link: <https://www.facebook.com/ACS-Alexandria-University-107240247822488>

Training of the Safety and Health Student Team at the Faculty of Science (Alexandria University)

Additional evidence link:

http://www.alexu.edu.eg//index.php/ar/?option=com_content&view=article&id=5882&catid=21&lang=ar-AA

<https://www.facebook.com/AlexandriauniOfficial>