



Template for Evidence(s) UI GreenMetric Questionnaire

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

[6] Education and Research (ED)

[6.2] Total Number of Courses/Subjects Offered

Description Total Courses offered at Alexandria University, Egypt in 2020-2023

Courses	2020/2021	2021/2022	2022/2023
Number of courses/subjects offered for undergraduate programs	6906	6906	6906
Number of courses/subjects offered for Postgraduate programs.	6604	6916	6916
Total number of courses	13510	13520	13520

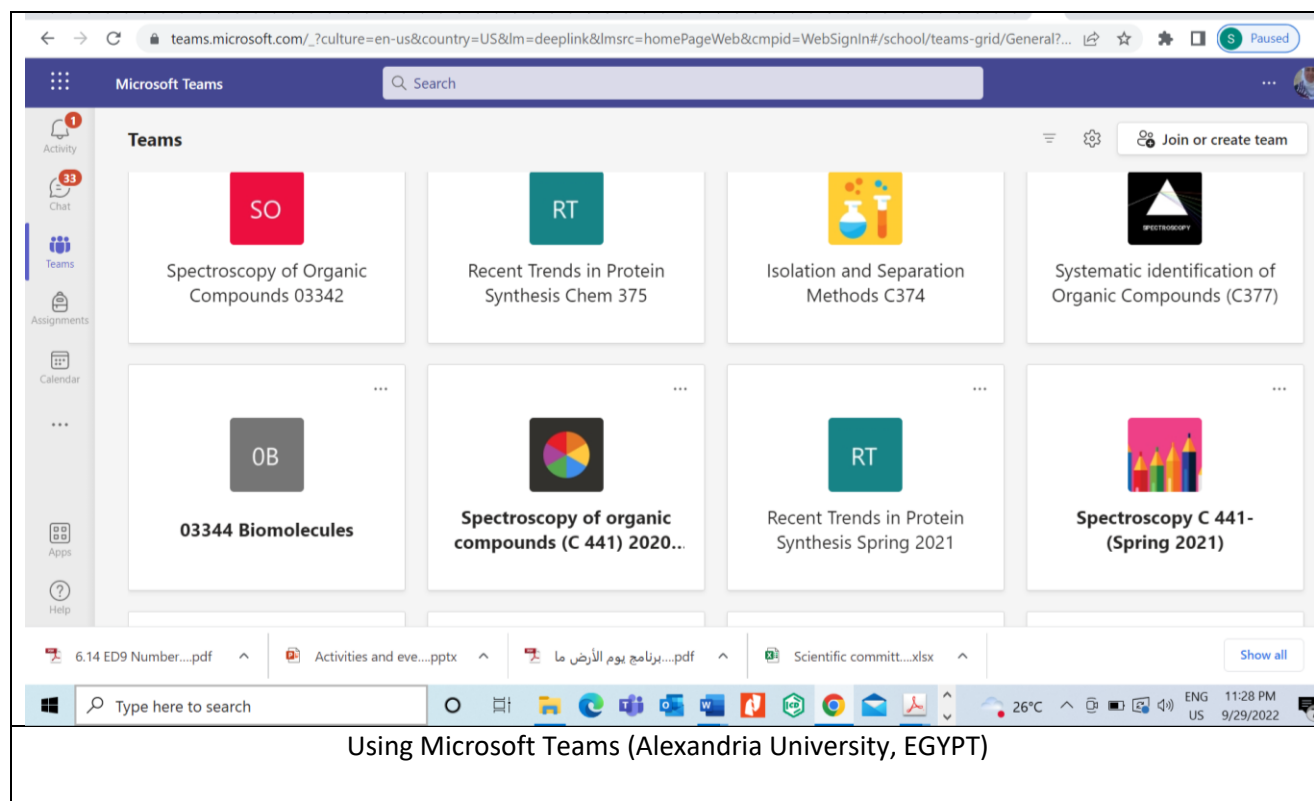
Total number of courses offered in **2022/2023** = **13520** courses

Total Courses offered at Alexandria National University, Egypt in 2022-2023

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

Total number of courses offered in **2022/2023** = **531** courses

Online Courses



Using Microsoft Teams (Alexandria University, EGYPT)

Description:

Microsoft team, Moodle, Google classroom and social media are used.

Switching to blended-Learning for precautionary measures was implemented during the COVID-19 pandemic. Moodle, google classroom, social media were used to continue the relationship with the students while maintaining the precautionary measures until the University has an agreement with Microsoft team as a formal platform with blended learning 40% online and 60% traditional methods. Professors were not ready to switch to blended learning and some were completely not familiar with e-Learning platforms. Many workshops were conducted to enhance the use of blended learning and Microsoft team during the COVID-19 pandemic that organized by Innovation in Pedagogy and Aiding Distance Learning Unit.

The total number of online courses which were opened in academic year 2021/2022 were 3778 virtual courses (attached document, page 5). While, the total number of online courses which were opened in the academic year 2022/2023 were 2301 undergraduate virtual courses and 886 postgraduate virtual courses.

Additional evidence link: <https://adip.alexu.edu.eg/index.php/en/>
<https://alexu.edu.eg/index.php/ar/academicar/postgraduate-academic-programs>

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

Virtual Labs

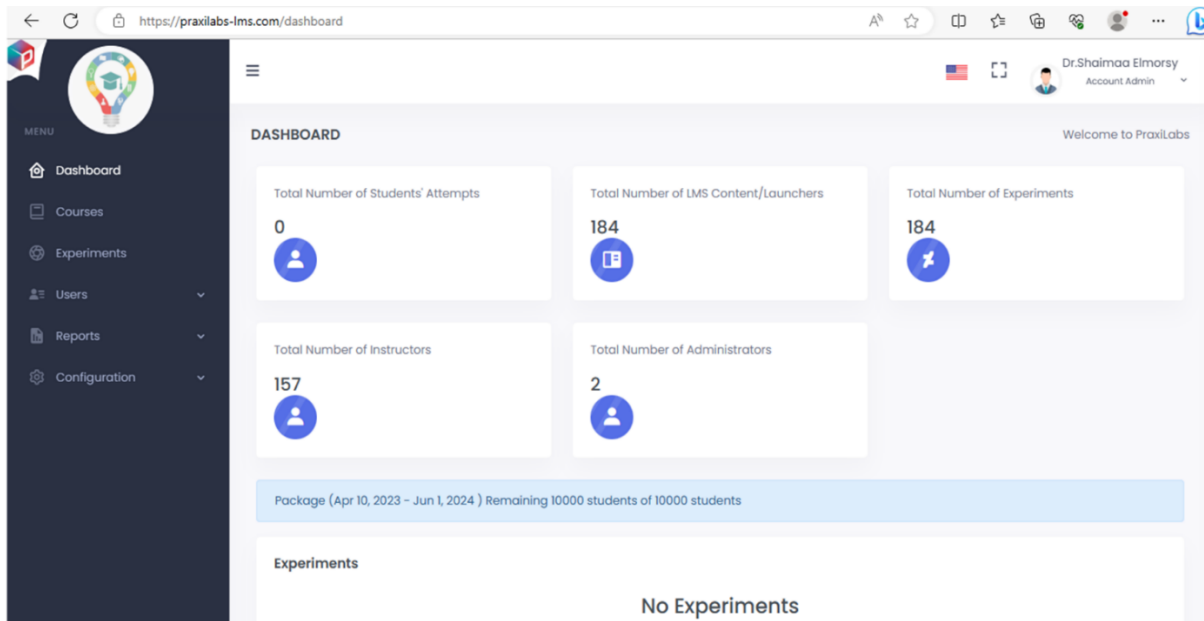
Virtual Labs were established in Alexandria University to give the opportunity for instructors and their students to practice various kinds of labs remotely without being physically present in the lab.

Virtual Labs are 3D virtual labs for students to practice physics, biology and chemistry lab Experiments (attached example of the system used).

There are 36 physics experiments

There are 92 chemistry experiments

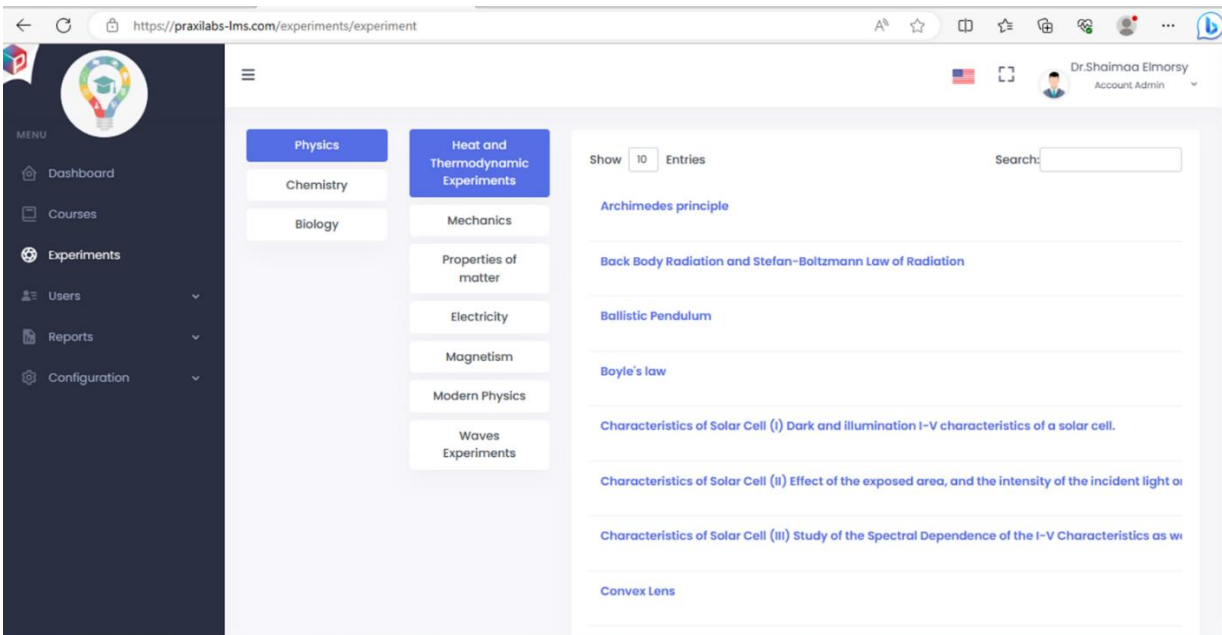
There are 58 biology experiments



The screenshot shows the PraxiLabs LMS Dashboard. The URL is <https://praxilabs-lms.com/dashboard>. The user is Dr. Shaimaa Elmorsy, Account Admin. The dashboard displays the following statistics:

- Total Number of Students' Attempts: 0
- Total Number of LMS Content/Launchers: 184
- Total Number of Experiments: 184
- Total Number of Instructors: 157
- Total Number of Administrators: 2

A notification bar indicates: Package (Apr 10, 2023 - Jun 1, 2024) Remaining 10000 students of 10000 students. Below the statistics, there is a section for Experiments, which currently shows "No Experiments".



The screenshot shows the PraxiLabs LMS Experiments page. The URL is <https://praxilabs-lms.com/experiments/experiment>. The user is Dr. Shaimaa Elmorsy, Account Admin. The page displays a list of experiments categorized by subject:

- Physics:** Archimedes principle, Back Body Radiation and Stefan-Boltzmann Law of Radiation, Ballistic Pendulum, Boyle's law, Characteristics of Solar Cell (i) Dark and illumination I-V characteristics of a solar cell., Characteristics of Solar Cell (ii) Effect of the exposed area, and the intensity of the incident light on, Characteristics of Solar Cell (iii) Study of the Spectral Dependence of the I-V Characteristics as w, Convex Lens
- Heat and Thermodynamic Experiments:** Mechanics, Properties of matter, Electricity, Magnetism, Modern Physics, Waves Experiments
- Chemistry:**
- Biology:**

The page also includes a search bar and a "Show 10 Entries" option.

https://praxilabs-lms.com/experiments/experiment

Dr.Shaimaa Elmorsy
Account Admin

MENU

- Dashboard
- Courses
- Experiments
- Users
- Reports
- Configuration

Physics

Chemistry

Biology

Basic Radical tests (Inorganic Chemistry)

Organic Chemistry

Acidic Radicals tests (Inorganic Chemistry)

General Chemistry

Analytical Chemistry

Show 50 Entries

Search:

(Strong acid / strong base titration) HCl/NaOH.

Analysis of a mixture containing sodium hydroxide and sodium carbonate

Aspirin titration (weak acid / strong base titration)

Claisen Schimdt Reaction (Mixed Aldol Condensation)-Synthesis of dibenzalacetone

Determination of concentration of acetic acid in its commercial Solution

Determination of concentration of chlorides in water sample (Volhard's method)

Determination of concentration of citric acid in soda

Determination of concentration of silver nitrate by Fajan's method

https://praxilabs-lms.com/experiments/experiment

Dr.Shaimaa Elmorsy
Account Admin

MENU

- Dashboard
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Physics

Chemistry

Biology

Physiology

Biochemistry

Cell Culture

Toxicology

Bioenergetics

Biochemistry

Molecular Biology

Immunology

Microbiology

Show 50 Entries

Search:

2D Protein Electrophoresis

Affinity Chromatography and HPLC

Agarose Gel Electrophoresis of DNA

Amylase test

Antibiotic Sensitivity Test (Disc Diffusion Method)

Bacterial Plating Out Technique Experiment (Streak plate method)

Bioenergetics

Building a Model for Catalytic Interactions

https://praxilabs-lms.com/users/instructor

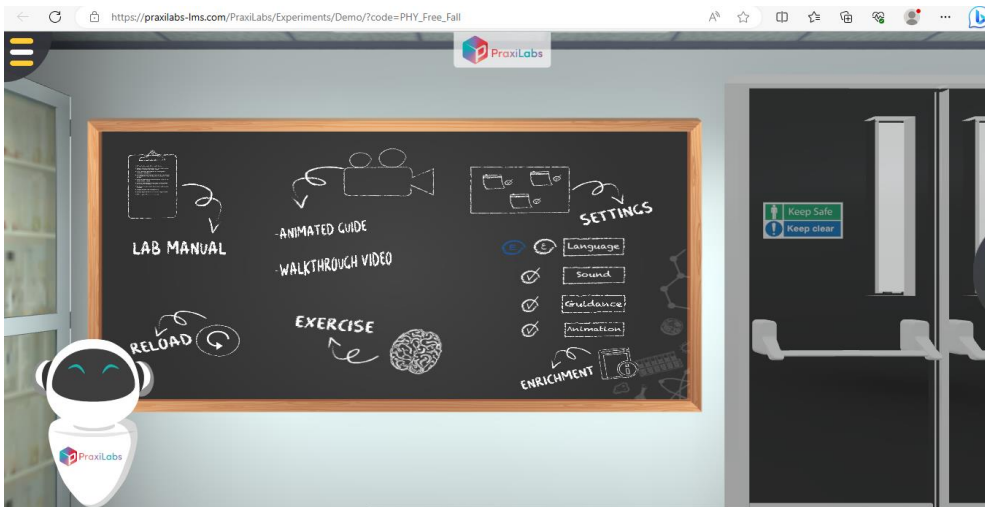
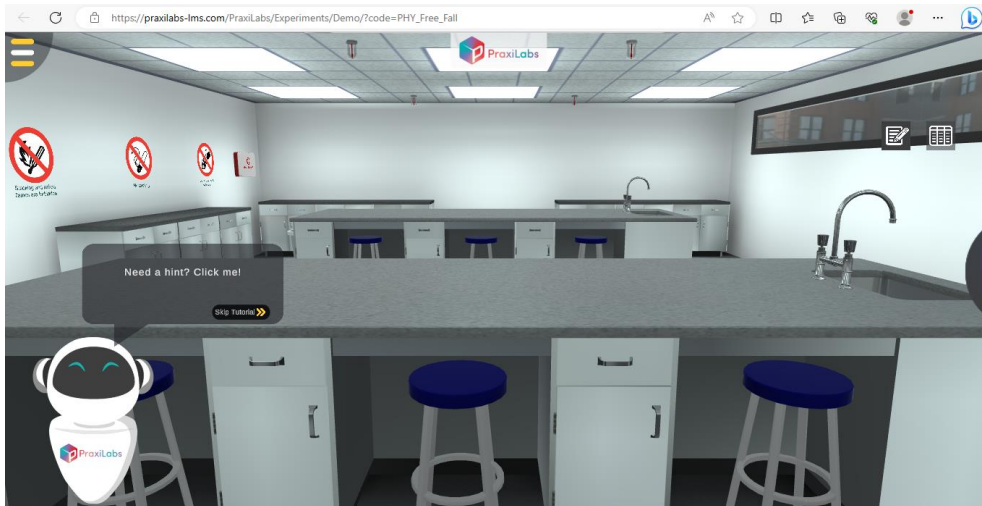
Dr. Shaimaa Elmorsy
Account Admin

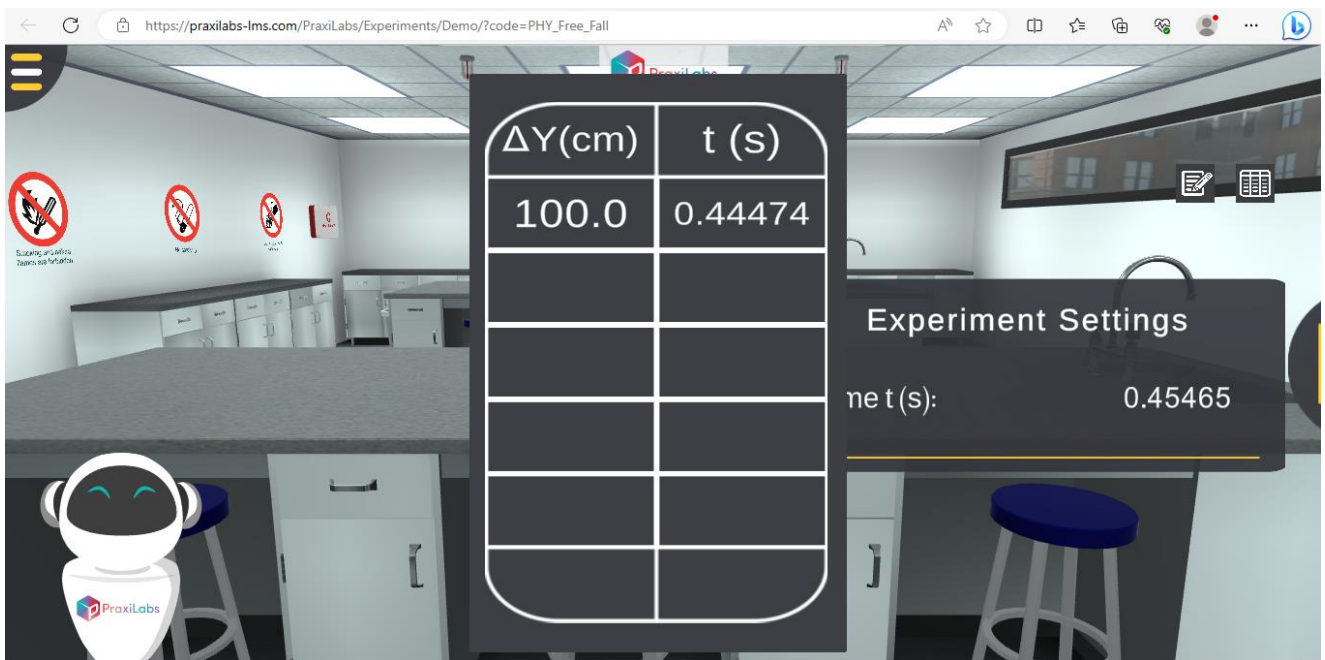
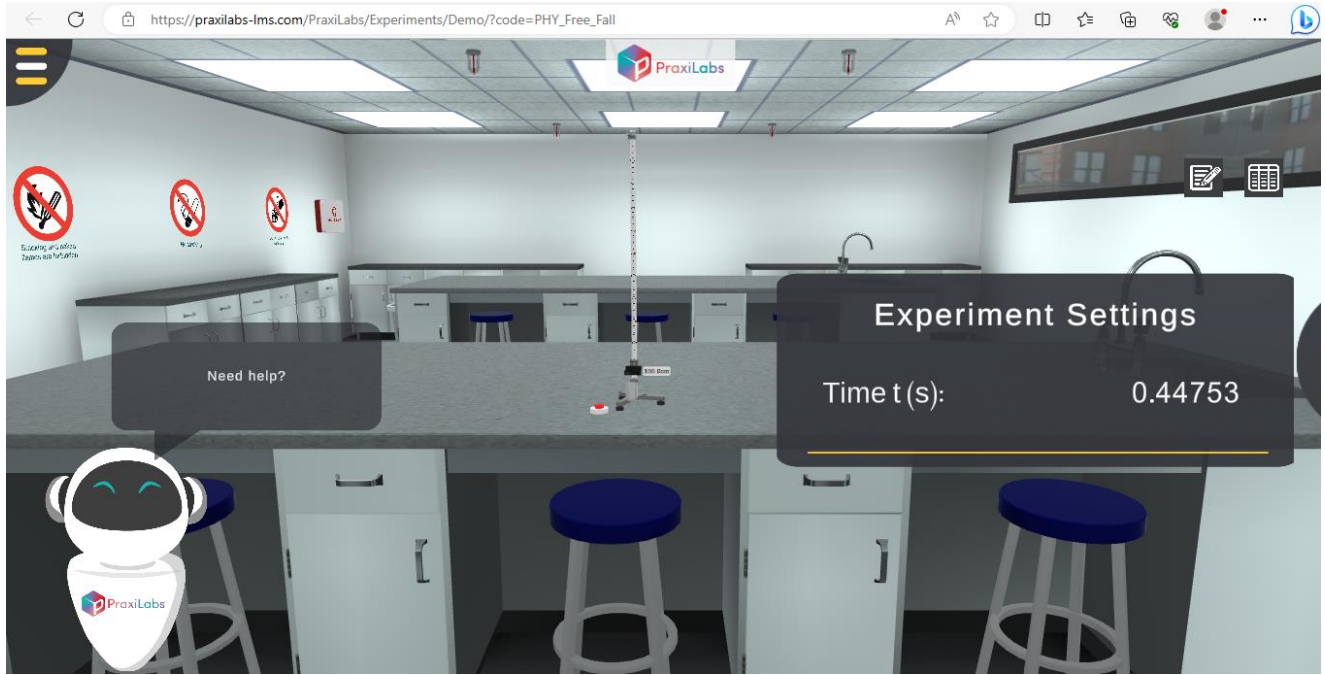
Available Instructors

Show Entries

Search:

#	First Name	Last Name	Email	Phone Number	Actions
1	Omar Hamad		omar.wesal@alexu.edu.eg		✎ ✖
2	Eman Moustafa		eman.nameir@alexu.edu.eg		✎ ✖
3	Magdy Farag		magdy.farag@alexu.edu.eg		✎ ✖
4	Alaa Ezzat		alaa.ezzat.m@alexu.edu.eg		✎ ✖
5	Samar Saleh		samar.saleh@alexu.edu.eg		✎ ✖
6	Ahmed Sorour		ahmed.sorour@alexu.edu.eg		✎ ✖
7	Daaa Saied		doaa.saeed@alexu.edu.eg		✎ ✖
8	Mohamed Mshaly		m.mshaly@alexu.edu.eg		✎ ✖







VICE PRESIDENT

Community Service & Environment Development

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The total number of courses related to the environment and sustainability in the various sectors of the university, running in the academic year 2022 – 2023 is 1496, which represents approximately 11.1 % of the total number of courses for the undergraduate and graduate levels.

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College of Science	Software and Multimedia Industry Program	53

Total number of courses offered in 2022/2023 = 531 courses

Sincerely,

Prof.

Community Service & Environment Development
Alexandria University

