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**THE IMPACT RANKING**

**SDG13**

**CLIMATE ACTION**

**13 CLIMATE  
ACTION**



## SDG13 climate Action

### 13.1. Activities

- In 2019, the staff members of the Faculty of Applied Medical Science Technology participated in an **international workshop** on “ Air Pollution” in coordination with UNESCO and Alexandria Governorate.



- The faculty of mass communication produces a short film on a film called “ Devetsia” demonstrating the environmental resources on land, water resources, desert ecosystem services regarding natural health treatments, and ecotourism in sustainable cities.

<https://www.youtube.com/watch?v=sQrc2ufKFC4&list=PLsZ1HNiwxSAPBp9Ff74mHK1N bRVLCp-52&index=2>

### 13.2. Students’ Projects

Project name	Summary
1. Recycling of fabric scrap	The importance of recycling textiles is increasingly being recognized. The purpose. Once in landfills, natural fibers can take hundreds of years to decompose. They may release methane and CO <sub>2</sub> gas into the atmosphere. Additionally, synthetic textiles are designed not to decompose. In the landfill, they may release toxic substances into groundwater and surrounding soil. The synthetic fiber raw materials totally imported from outside as polyester and nylon and the annual consumption is 440 thousand tons and the recycling processes are not applicable, so the new technology for recycling this scrap is value added materials

### 13.3. Courses in the curricula

Faculty	Course name	Course code	SDG-relevancy	Topic
Pharmacy	Environment and sustainability	PMC E01	13	Sustainable ecosystem services
Pharmacy	Phytotherapy	PG 305	13	Sustainable industry of Natural products

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Engineering	Pollution control in petrochemical industries	EP 392	13	The course focuses on emissions from petrochemical industries and sustainable control mechanisms
Engineering	Introduction to environmental engineering	EP 389	13	The course introduces engineering aspect with complete environmental assessments of the impacts