

SDG1(No Poverty)

Start-up report 2019-2020

1- The Memorial Souad Kafafi University Hospital

Souad Kafafi Hospital is a MUST affiliated institution that recognizably serves the surrounding community. The hospital offers its various medical investigations, treatment and surgeries with reduced cost. In addition to poor patients who may receive the same services free of charge; a service that may reach around 30% of the hospital's activity. Additionally, an adjunct hospital is located to serve the area.



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

<https://www.facebook.com/media/set/?set=a.2298930610222907&type=3>

2- Mobile Hospitals:

MUST owns 3 Mobile Hospitals. Over than 100 million pounds have been allotted to finance 30 medical convoys that serve the Egyptian community. Additionally, the hospital offers complete free healthcare to the residents of Al Amal district in 6 October city, where a well-equipped adjunct hospital is located to serve the area.



Mobile Hospitals

<https://www.facebook.com/themskuh/photos/pcb.4358655244250423/4358655080917106/?type=3&theater>

3- COVID-19 Isolation Unit of Souad Kafafi Hospital (2020)

Believing in its communal role, MUST has been providing its surrounding environment during the corona pandemic with a fully equipped isolation hospital (19400m^2) serving the neighbouring community and enforcing its ongoing role in renewable sustainability.



COVID-19 Isolation Unit of Souad Kafafi Hospital (2020)

- <https://www.youm7.com/story/2020/12/29/%D9%88%D8%B2%D9%8A%D8%B1-%D8%A7%D9%84%D8%AA%D8%B9%D9%84%D9%8A%D9%85-%D8%A7%D9%84%D8%B9%D8%A7%D9%84%D9%89-%D9%8A%D8%B5%D9%84-%D8%AF%D8%A7%D8%B1-%D8%B9%D8%B2%D9%84-%D9%85%D8%B3%D8%AA%D8%B4%D9%81%D9%89-%D8%B3%D8%B9%D8%A7%D8%AF-%D9%83%D9%81%D8%A7%D9%81%D9%89-%D8%AA%D9%85%D9%87%D9%8A%D8%AF%D8%A7/5134131>



- <https://m.akhbarelyom.com/news/newdetails/3210058/1/%D9%88%D8%B2%D9%8A%D8%B1-%D8%A7%D9%84%D8%AA%D8%B9%D9%84%D9%8A%D9%85-%D8%A7%D9%84%D8%B9%D8%A7%D9%84%D9%8A-%D8%AE%D8%A7%D9%84%D8%AF-%D8%B9%D8%A8%D8%AF-%D8%A7%D9%84%D8%BA%D9%81%D8%A7%D8%B1-%D9%8A%D9%81%D8%AA%D8%AA%D8%AD-%D8%AF%D8%A7%D8%B1-%D8%B9%D8%B2%D9%84-%D9%85%D8%B3%D8%AA%D8%B4%D9%81%D9%89-%D8%B3%D8%B9%D8%A7%D8%AF-%D9%83%D9%81%D8%A7%D9%81%D9%8A-%D8%A7%D9%84%D8%AC%D8%A7%D9%85%D8%B9%D9%8A>
- <https://www.shorouknews.com/news/view.aspx?cdate=27072020&id=7add7352-de29-41cd-8709-bb637c0a84bd>
- <https://www.youtube.com/watch?v=n1dnUWlk68Y>
- <https://www.youtube.com/watch?v=xMgbpmkoiJE>

Misr University for Science and Technology supports innovative ideas and converts it to small business incubators, such as:

1- Student experimental factory

Student experimental factory (SEF-MUST) is a private unique profit entity oriented to research improvement and community services that branched from industrial pharmacy department of Misr University of Science and Technology since 2019. Moreover, SEF-MUST broadly believes that "we rise by lifting others". From this point of view, SEF-MUST has started to move forward to provide more facilities and services not only for MUST's students but for all undergraduate and postgraduate students, researchers in different fields, and pharmaceutical companies. Apart from professional training and research activities, SEF-MUST started to have an important role in community service and environment development; consequently, SEF-MUST has been dedicated to serve the internal environment of university with continuous production of sanitizer gel about 1 ton per day within COVID-19 pandemic. Furthermore, SEF-MUST has launched a campaign named with " Take advantage of your home pharmacy" aiming to utilize and redistribute all available authorized medication granted as charity to poor medical centres. Furthermore, SEF-MUST has hosted and organized many workshops for many industrial companies named with (towards zero waste, and packaging process maintaining green environments). Moreover, SEF-MUST has initiated the production line of pharmaceutical products as (lip balm and body butter, hand wash, sanitizer gel, cleaning surface gel, mouth wash ...etc.) with only cost price.



- <https://www.facebook.com/SEFMUST/>
- <https://www.facebook.com/SEFMUST/videos/4860620940645062>

2- Smart Vending Machine

The (Smart Refrigerator for Selling Fresh Vegetables and Fruits) project aims to use artificial intelligence techniques in:

1. Facilitating the process of buying and selling fresh vegetables and fruits using a smart machine.
2. Reducing the interference of the human factor to limit the spread of the Corona virus (Covid-19).
3. Providing statistics for products, machines, and users to be used in processing them to improve the user experience.
4. Rationalizing consumer behaviour of citizens.

The project (smart refrigerator for selling fresh vegetables and fruits) targets the following Beneficiary Parties: Airports, Train stations, Hypermarket, Schools, Universities, Hotels, Moles, and The New Administrative Capital (Military Entity Project).



- <https://eib.eg/innovation/smart-vending-machine/>
- <https://www.youm7.com/story/2021/6/8/%D9%85%D8%AC%D9%85%D9%88%D8%B9%D8%A9-%D8%A7%D9%84%D8%B9%D8%B1%D8%A8%D9%89-%D9%88%D8%AC%D8%A7%D9%85%D8%B9%D8%A9-%D9%85%D8%B5%D8%B1-%D9%84%D9%84%D8%B9%D9%84%D9%88%D9%85-%D9%8A%D8%AA%D9%81%D9%84%D8%A7%D9%86-%D8%A8%D8%AA%D8%B3%D9%84%D9%8A%D9%85-%D8%A2%D9%84%D9%87-%D8%B0%D9%83%D9%8A%D8%A9-%D9%84%D8%A8%D9%8A%D8%B9/5347395>
- <https://akhbarak.net/news/2021/05/31/23571737/articles/42114613/%D8%B7%D9%84%D8%A7%D8%A8-%D8%AC%D8%A7%D9%85%D8%B9%D8%A9-%D9%85%D8%B5%D8%B1-%D9%8A%D8%A8%D8%AA%D9%83%D8%B1%D9%88%D9%86-%D8%AB%D9%84%D8%A7%D8%AC%D8%A9-%D8%B0%D9%83%D9%8A%D8%A9-%D8%AA%D8%AD%D8%AA-%D8%A5%D8%B4%D8%B1%D8%A7%D9%81>
- <https://www.facebook.com/SEFMUST/>
- <http://portal.mohesr.gov.eg/ar-eg/Pages/EventsDetails.aspx?eventID=648&lst=%D8%A7%D9%84%D8%A7%D8%AD%D8%AF%D8%A7%D8%AB>
- <https://www.facebook.com/themskuh/photos/pb.4358655244250423/4358655080917106/?type=3&theater>

- <https://www.facebook.com/themskuh/>
- <https://www.must.edu.eg/campuslife/health-services/>

3- Sterilizing Smart Robot and Unit

Artificial intelligent center at MUST university invented a special robot to sterilize all buildings using remote control. Please check the video material.



Examples of innovative program	
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