



Industry, Innovation, and Infrastructure

6514

Campus
Population

5

Number of
Documents Publications

UM Surabaya is committed to achieving SDGs 9 by strengthening modern educational infrastructure, fostering a culture of innovation, and advancing research that provides real benefits to society. The university provides high-quality academic facilities, integrated laboratories, collaborative innovation spaces, and digital systems that support teaching, research, and community engagement. Through innovation programs, scientific competitions, and industry collaboration, UM Surabaya encourages students and lecturers to produce impactful solutions for sustainable development.

Closing of the Surabaya UM KKN, Exhibiting 45 Leading Innovation Products

Dozens of works by University of Muhammadiyah Surabaya (UM Surabaya) students during the Community Service Program (KKN) were exhibited at the closing ceremony at the At-Tauhid Tower Building on Tuesday (30/8/22)

It is known that this year the Institute for Research and Community Service (LPPM) divided students into 45 groups spread across 6 regions. The 6 areas include Surabaya, Pamekasan, Jombang, Lumajang, Lamongan and Bojonegoro. The division of student composition in each region is of course adjusted to the needs and conditions of each region.

Meanwhile, the Chancellor of UM Surabaya, Sukadiono, in his speech expressed his pride for the dedication of UM Surabaya students who had implemented knowledge and created appropriate technological innovations that could be applied in society.

"The innovative products produced by KKN students this year are very diverse. Not only focusing on food and beauty products, the results of student innovation are also in the form of appropriate technology that is used according to community needs," said Suko.

He hopes that the resulting innovative products will become one of the solutions with the community to solve a problem and realize sustainable development.

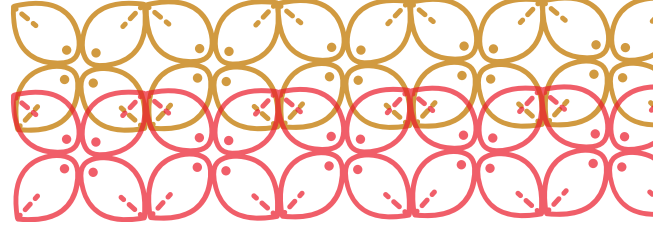
Meanwhile Dede Nasrullah Head of LPPM UM Surabaya emphasized that this year there will be 45 innovative products for villages.

"This year we carry the theme Rise and Work Towards an Empowered Society. Thankfully 45 innovations have been produced by UM Surabaya KKN students during village service," explained Dede.

Some of the innovative products made by students include the innovation of rebon shrimp dryers, anti-stunting nom-nom sinom, innovation of banana peel waste into liquid organic fertilizer, digital map: Senduro Semeru roaming, herbal toothpaste, low emission waste burner, salak skin tea, waste diet plastic, processed salted fish innovation products and other interesting innovations.

Dede emphasized that with the creation of innovations that have been produced, UM Surabaya students have had valuable work experience through direct community involvement, namely finding, formulating, solving and tackling development problems in a pragmatic and interdisciplinary manner.

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"During KKN students will certainly appreciate the conditions and be sensitive to the complex problems faced by society, which requires them to think critically and solve problems based on science and technology," said Dede again.

He also hopes that after carrying out this activity the tertiary institution will receive feedback from inputs that can be useful for increasing the relevance of education and research conducted to the needs of community development.

Link : [Closing of the Surabaya UM KKN, Exhibiting 45 Leading Innovation Products | Muhammadiyah University of Surabaya](#)

Making It Easier for Farmers, UMSurabaya Students Create Automatic Duck Feed Tools

Spirit Immersion in the social environment of the community is shown by students University of Muhammadiyah Surabaya which is doing KKN during the Covid-19 pandemic. Through student KKN activities UMSurabaya makes innovative and useful products for the community.

According to head of the UMSurabaya Empowerment and Community Service Institute (LPPM), Dede Nasrullah said that this pandemic has made KKN, which is usually centralized, changed to spread based on student domicile.

KKN Wrong BTV (Back to village) The only one held in West Surabaya has different village potentials from other villages. With many people who have businesses Duck farming. This is also what is used as the University KKN group Muhammadiyah Surabaya is an opportunity to make a work program.

Found in the innovation product exhibition (30/08/2021), Mochammad Affan Shafry Bukhori as the coordinator In this group, admitting that this duck feed tool is an application of implementation of appropriate technology (TTG), which is given to duck farmers in Dukuh Tlogo Tanjung, Bangkingan Village, Surabaya City.

"The group We provide new innovations by making feed containers and drinking containers semi-automatic which has been done by farmers manually, so that farmers Here, it saves more energy and time," he said. By Affan also explained in detail in feeding and drinking ducks, such as Filling drinking water and feeding ducks are many times less effective. This is the background for the creation of this innovative technology. Which makes This is important, when giving Eating and drinking livestock is the cause of increasing duck productivity itself. This program has 2 objectives, namely to facilitate feeding and drinking and increasing effectiveness and efficiency.

At during the closing of the KKN on the campus yard, UMSurabaya Rector Sukadiono said that A Tribute to the Students Who Have Participated in the Activities well, even in pandemic conditions like today.

"The existence of These new innovation products show that indeed students We are very intelligent and full of innovation. Able to jump in and improve quality Village is an additional value for students, this shows that the slogan These one million campuses can be felt by the wider community," he said.

Link : [BAKAI | Bureau of Student Affairs, Alumni and Innovation Administration](#)

