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S&T good news

Inside

DOST-ARMM launches Halal-certified Food Innovation Center	p2
NSTW 2018 General Program of Activities	p3
DOST's STARBOOKS named as priority program for 2018	p4
InFocus	p4

DOST stages NSTW 2018

By **Rosemarie C. Señora**, DOST-STII

S&T enthusiasts are in for a treat this coming 17-21 July 2018 as the Department of Science and Technology (DOST) leads the annual celebration of the 2018 National Science and Technology Week (NSTW) at the World Trade Center in Pasay City.

This year's NSTW will carry the theme "Science for the People: Innovation for Collective Prosperity," and will highlight how science, technology, and innovation (STI) play a major part in achieving the nation's sustainable development goals.

The exhibit for this year will simulate an ecosystem of how STI work together for the progress of a community. New technologies developed by the DOST and its attached agencies will be shown via interactive displays in the four clusters namely: STI at Home, STI at School, STI at Workplace, and STI at Marketplace. There are also prizes and tokens waiting for those who will be participating in the games and raffles.

Aside from the main exhibit, there will be forums to be conducted by the various DOST-attached agencies, which include a forum on the Small Enterprise Technology Upgrading Program (SETUP) and Community Empowerment through Science and Technology (CEST).

Other activities lined up include film showing, scientific career talks, science journalism writeshop and more.

The NSTW is celebrated every third week of July through Proclamation No. 169 of 1993. It aims to recognize the contribution of science and technology in the development of the country and garner support from the public and private institutions for its sustainable development.

After the event, a series of regional science and technology fairs will also be held in every region of the country until December. For the complete schedule of Regional Science and Technology Weeks, please visit www.nstw.dost.gov.ph.

ADMISSION IS FREE

DEPARTMENT OF SCIENCE AND TECHNOLOGY

in celebration of the
National Science and Technology Week

science
for the people 2018

Innovation for Collective Prosperity

World Trade Center, Pasay City
17-21 July 2018

for more details, please visit www.nstw.dost.gov.ph

DOST-ARMM launches Halal-certified Food Innovation Center

By Allan Mauro V. Marfal, DOST-STII



Department of Science and Technology-Autonomous Region for Muslim Mindanao (DOST-ARMM) launched the first certified Halal Food Innovation Center (FIC) in the region on 28 June 2018 at Lamitan City in Basilan. The said facility aims to support the needs of local Halal food processors and entrepreneurs in ARMM. (Photos by Gerardo G. Palad, DOST-STII)

Local Halal food manufacturers, processors, and entrepreneurs based in the Autonomous Region in Muslim Mindanao (ARMM) now have the opportunity to develop their existing Halal food products. This is made possible by the establishment of the region's first Halal-certified Food Innovation Center (FIC) launched recently by the Department of Science and Technology-Autonomous Region for Muslim Mindanao (DOST-ARMM) in Lamitan City, Basilan.

The ceremonial launching was held on 28 June 2018 at the City Gymnasium of Lamitan as part of the 1st ARMM Halal Summit.

With the presence of Halal-certified FIC in the city, entrepreneurs can have access to food experts and locally-developed technologies by the DOST.

Some of the equipment housed in Halal-certified FIC are spray dryer, water retort, vacuum fryer, freeze dryer, vacuum packaging machine, can sealer, and cabinet dryer.

According to DOST-ARMM Secretary Myra B. Mangkabung, the newly-established Halal FIC could bring various significant impacts to the province of Basilan as well as in the entire ARMM.

"One of the concerns of Halal food processors here in Basilan and other areas in ARMM is that they do not have facilities which are GMP (Good Manufacturing Practice) compliant; thus, they cannot be approved by the FDA (Food and Drugs Administration), said Sec. Mangkabung. "Our Halal-certified FIC and its equipment would address all of those issues."

Sec. Mangkabung said that the FIC would play an integral role to enhance the quality of all Halal food products in Basilan, Tawi-Tawi, and Sulu and compete with the products of our

neighboring countries such as Malaysia and Brunei.

"With the FIC, it could make most of Halal food products in ARMM such as delicacies and condiments attractive in the world market. The locally-developed equipment at FIC like freeze dryer and spray dryer could help in maintaining the moisture content and shelf-life of our Halal products," said Sec. Mangkabung.

She added that Halal FIC in Lamitan City, Basilan will also open its door to the local students and professionals who would like to conduct research and develop Halal food products using various existing raw materials in the region. Currently, it is the third Halal-certified FIC in the country, following those established in Davao and Soccsargen.

First ARMM Halal Summit

The establishment of Halal FIC is a collaborative effort of the DOST-ARMM, DOST-Industrial Technology Development Institute, Mindanao Autonomous College Foundation, Inc, Chamber Commerce for ARMM, and Local Government Unit of Lamitan City.

The launch is part of the 1st ARMM Halal Summit held on 28-29 June 2018 at the Lamitan City Gymnasium in Basilan. It carried the theme "Strengthening Halal Ecosystem in ARMM for Global Market: Creating Opportunities; Synchronizing Synergy."

Sec. Mangkabung said that the Halal Summit which had 650 participants from various sectors aims to increase the awareness on the FIC in Basilan and other areas in ARMM and help food entrepreneurs maximize the potential of Halal products.



ABOUT US

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World Trade Center, Pasay City

17-21 July 2018

General Program of Activities

TIME	TITLE OF ACTIVITY	VENUE AND ADDRESS
17 July		
8:00 AM - 11:00 AM	Opening Ceremony	Main Stage, World Trade Center, Pasay City
17-21 July		
9:00 AM - 6:00 PM	Viewing of Exhibits	World Trade Center, Pasay City
9:00 AM - 11:00 AM	DOST Hybrid Electric Train Demo Run	Dela Rosa to EDSA & vice versa
18 July		
8:00 AM - 5:00 AM	#ScienceJournoAko: Communicating S&T Innovation	Function Room 4, World Trade Center, Pasay City
8:00 AM - 5:00 PM	UPSTART: Upgrading Science and Technology Research Trends	Meeting Room 1, Philippine International Convention Center, Pasay City
9:00 AM - 11:00 AM	Transport Program: Hybrid Electric Train (HET)	Function Room 3, World Trade Center, Pasay City
9:00 AM - 12:00 NN	Bringing Research to Market: A Mixer for Researchers and Industry	Function Room 2, World Trade Center, Pasay City
9:00 AM - 5:00 PM	Harnessing STI Towards Industry 4.0	Main Stage, World Trade Center, Pasay City
9:00 AM - 5:00 PM	Regional Forum on Strategies to Enhance Innovation and Management Capacities of Startups and SMEs	Main Stage, World Trade Center, Pasay City
1:00 PM - 3:00 PM	DOST-MIRDC Facilities in Support of the Metals and Engineering Industries	Function Room 3, World Trade Center, Pasay City
1:00 PM - 3:00 PM	IP Kayumanggi: A New Input for the Sustainability of the Duck Egg Industry	Function Room 2, World Trade Center, Pasay City
2:00 PM	In Touch With Excellence	Meeting Room 1, Philippine International Convention Center, Pasay City
3:00 PM - 5:00 PM	Are We Ready for the Food Safety Regime? Evidence for the Commodity Supply Chain Stakeholders	Function Room 2, World Trade Center, Pasay City
4:00 PM - 5:00 PM	When the Blue Sea Turns Red	Function Room 2, World Trade Center, Pasay City
18-19 July		
9:00 AM - 5:00 PM	Part I: Industry 4.0: Are we there yet?	Main Stage, World Trade Center, Pasay City
	Part II: Innovation Ecosystem: Setting the Stage	Main Stage, World Trade Center, Pasay City
	Part III: Leading the Way	Main Stage, World Trade Center, Pasay City
	Science and Technology at Work in Philippine Business Industry	Main Stage, World Trade Center, Pasay City
	Part IV: Awarding of Best SETUP Adoptor	Main Stage, World Trade Center, Pasay City
	Synthesis and Open Forum	Main Stage, World Trade Center, Pasay City
19 July		
8:00 AM - 9:00 AM	Biological-based Approaches for Cacao Pest Management	Function Room 2, World Trade Center, Pasay City
8:00 AM - 5:00 PM	Forum on Waste Management to Inclusive Circular Economy	Function Room 3, World Trade Center, Pasay City
10:00 AM - 11:00 AM	Carrageenan Technology on Mungbean Production	Function Room 2, World Trade Center, Pasay City
10:00 PM - 12:00 NN	SARAI SEAMS and SPid for Smart Agriculture	Function Room 2, World Trade Center, Pasay City
1:00 PM - 3:00 PM	Greenhouse-Type Solar Dryer for Quality Coffee Beans	Function Room 2, World Trade Center, Pasay City
2:00 PM - 4:00 PM	Signing of Memorandum of Understanding Between Panay Railways Inc., Philtrak, Inc. and MIRDC	Main Stage, World Trade Center, Pasay City
3:00 PM - 5:00 PM	LAMP Kit for Shrimp Early Mortality Syndrome	Function Room 2, World Trade Center, Pasay City
20 July		
8:00 AM - 5:00 PM	Community Empowerment through Science and Technology (CEST) Summit	Main Stage, World Trade Center, Pasay City
1:00 PM - 5:00 PM	Women Inspiring Women	Philippine International Convention Center, Pasay City
21 July		
9:30 AM	The Fusion of Science and Art (Museum Stewardship)	Function Room 1, World Trade Center, Pasay City
9:45 AM	The Fusion of Science and Arts (Natural History)	Function Room 1, World Trade Center, Pasay City
10:00 AM	The Fusion of Science and Arts (Resilient Filipino Music at the Margins)	Function Room 1, World Trade Center, Pasay City
10:45 AM	The Fusion of Science and Arts (Resilient Filipino Dances at the Margins)	Function Room 1, World Trade Center, Pasay City

for more details, please visit

www.nstw.dost.gov.ph

DOST's STARBOOKS named as priority program for 2018

By Angelica Marie O. Paz, DOST-STII

The Science and Technology Academic and Research Based Openly Operated Kiosks, or STARBOOKS, is again named as a Priority Program, Project, Activity (PPA) under the 2018 National Priority Plan. This means that institutions who will partner with STARBOOKS can claim full tax deductions.

The National Priority Plan, crafted by the National Economic and Development Authority, is a list of the government's priority programs, projects, and activities for different sectors of the country such as health, infrastructure, and education. For two years in a row, STARBOOKS has been named as a priority program under education.

Socio-Economic Planning Secretary Ernesto M. Perna recommended that the DOST should "strengthen its advocacy to generate private sector donations" for the project.

Developed by the DOST-Science and Technology Information Institute, STARBOOKS is a digital library that serves as one-stop repository of S&T information that can be updated regularly. It provides offline access to over 500,000 digitized journals, publications, technical and project reports, theses and dissertations, and directories.

STARBOOKS also contains both local and foreign (S&T) science and technology sources

in text, video, and audio formats which can be accessed even without internet connectivity.

STARBOOKS plays a vital role in providing Filipinos S&T educational resources, especially to public libraries and school that have inadequate resources, especially in remote provinces. Since its implementation in 2012, STARBOOKS has already been installed in 2,627 sites across the country. Each year, STARBOOKS aims to expand its reach and add content with the help of partners. It has earned several awards for its unique and highly-relevant service.

STARBOOKS will be among the interesting exhibits at the National Science and Technology Week (NSTW) this coming July 17-21, 2018 at the World Trade Center, Pasay City. In line with the theme "Science for the People: Innovation for Collective Prosperity," STARBOOKS will be featured under the exhibit cluster "STI @ School."

The NSTW is DOST's annual event that highlights the significant contributions of science and technology to national development. Exhibits, seminars, and demonstrations on topics in line with disaster preparedness, health, agriculture, and transportation will be held to emphasize S&T's importance as a solution to pressing problems in our country.



inFocus



Science Journalism writeshop at the 2018 NSTW. In line with the celebration of the National Science and Technology Week (NSTW), the Department of Science and Technology-Science and Technology Information Institute (DOST-STII) will conduct a science journalism writeshop entitled "#ScienceJournoAko: Communicating S&T Innovation" on 18 July 2018 at the World Trade Center, Pasay City. Invited junior and senior communication students from universities and colleges within and outside Metro Manila will be participating in the said writeshop. The event aims to promote the importance of science journalism to inform the public of the benefits and significance of research and development on science, technology, and innovation (STI). The writeshop will have subject matter experts to lead the discussion on science journalism for print and social media, and photojournalism. There will also be technical presentations on DOST's hybrid train and Itik Pinas which will be the topics that the participants will write about. (Text by Jasmin Joyce P. Sevilla, DOST-STII. Photo taken from last year's science journalism writeshop.)