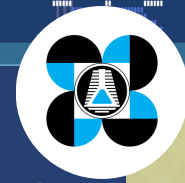


Week 31 | 28 July - 4 August 2024

# TELATHALA

Official E-Newsletter of DOST-Philippine Textile Research Institute



## Mindanao's 1<sup>st</sup> Natural Textile Fiber Innovation Hub up in S. Kudarat

2 August 2024, SKSU ACCESS Campus, Tacurong City, Sultan Kudarat

On August 2, 2024, the Institute officially launched the first Natural Textile Fiber Innovation Hub (NTFIH) in Mindanao at Sultan Kudarat State University (SKSU), Tacurong City. This pioneering initiative aims to bring innovation hubs closer to the raw material source, thereby expanding the circle of stakeholders in the textile supply chain. The hub will also promote geographic specialization and decentralize textile production, making it the first of its kind in the SOCCSKSARGEN region.



The NTFIH, through a collaboration between DOST-PTRI, SKSU, and the Department of Science and Technology - Region XII (DOST XII), will focus on optimizing the use of Natural Textile Fibers (NTFs) abundant in Mindanao, such as banana, abaca, and pineapple leaf fibers. Its mission is to advance socioeconomic progress and empower local communities, particularly farmers and indigenous groups reliant on these natural resources for their livelihoods.

This one NTFIH is projected to impact ~12,000 farmers and their families, involve 15 machine fabricator personnel, and almost 700 handloom weavers. The NTFIH will require twenty-nine (29) hectares of NTF of banana, pineapple or abaca plantations each year for textile fiber processing, guaranteeing a consistent supply of high-quality natural textile fibers for spinning. The NTFIH- Sultan Kudarat will directly support the soon-to-be-launched Regional Yarn Production and Innovation Center (RYPIC) in Kabacan, North Cotabato, another first in Mindanao.



## DOST-PTRI Chemists- PHs 1<sup>st</sup> AATCC Global Trainers

23-27 July 2024, Research Triangle Park, North Carolina USA

The American Association of Textile Chemists and Colorists (AATCC) has launched its Global Training Program, partnering with leading textile organizations worldwide to deliver fundamental education, including classroom lectures and hands-on training on test methods and standards.



Ms. Donna Uldo and Ms. Shyne Meneses, the Institute's representatives, received certification as Certified AATCC Global Trainers, becoming the first Certified Trainers in the Philippines and the third in Southeast Asia. They had the opportunity to engage in live demonstrations, meet AATCC officials, and tour a natural dye source garden, reflecting the association's commitment to sustainable practices. As a token of appreciation, the trainers were presented with reprinted copies of Gioaventura Rosetti's "The Plichto," the first printed book on dyeing, initially published in 1548.



Furthermore, as AATCC Global Trainers, they also become AATCC Members and will be involved in standards development and review.

## Acta Agosto Uno- nilimbag sa PTF gamit ang sapal ng kape

01 Agosto, 2024, Lungsod ng Bacoor, Cavite

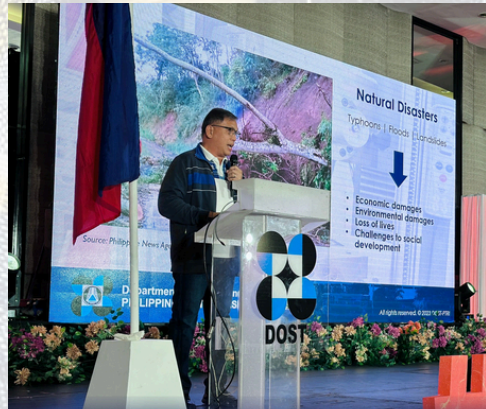
Nakiisa ang DOST-PTRI sa ika-126 na anibersaryo ng pagpupulong sa Bacoor at ang paglalathala at pagtatanyag ng Kasarinlan ng Pilipinas sa Bahay na Tisa ng Pamilya Cuenca noong Agosto 1. Kasama sa programa ang pag-aalay ng bulaklak sa mga panandang pangkasaysayan, pagpupugay sa labing-anim na lalawigang nagpulong sa Bacoor, at ang pagtatanghal sa Acta de la Independencia. Ang DOST, sa pangunguna ni Dr. Julius L. Leaño, Jr., ay naghandog ng isang obra na nakalimbag sa telang may piña at tinta ng sapal ng kape, bilang pag-alala sa Acta Agosto Uno. Ang okasyon ay inihandog ng Pamahalaang Panlungsod ng Bacoor, Pambansang Komisyon ng Kasaysayan, at mga inapo ni Don Juan Cuenca. Ito ay dinaluhan ng kinatawan ng 2nd Distrito, Kgg. Lani Mercado-Revilla, at iba pang opisyal ng Cavite.



# Geotextile Testing Services at Handa Pilipinas Visayas Leg

26 July 2024, Waterfront Cebu City Hotel, Cebu City

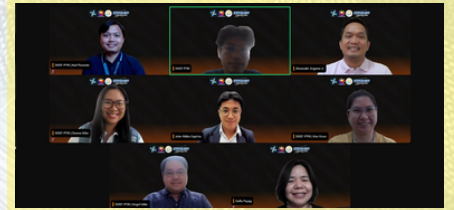
During the 2024 HANDA Pilipinas-Visayas Innovations in Climate and Disaster Resilience Nationwide Exposition, representatives from DOST's research and development institutes (RDIs) presented a parallel session focused on "Enhancing Resilience in Visayas through Science, Technology, and Innovation." Senior Science Research Specialist Engr. Romeo Cometa, Jr. highlighted the geotextile testing services offered by the Institute during the session.



As the Philippines' first and only facility for testing geotextiles, the Institute encourages companies to submit their geotextile products for compliance testing as part of its initiative to promote safer civil engineering practices. The session also highlighted the Institute's expertise and range of testing services adhering to international standards.

# 2024 STITCH OFF Textile Bootcamp kickstarts with Textile Academy

03 August 2024, DOST- PTRI, Bicutan, Taguig City



As part of the Stitch-Off Competition activities, participants are engaged in the 2024 Textile Bootcamp, a comprehensive online learning program under the Institute's Textile Academy. This bootcamp, which includes a series of sessions and workshops, aims to equip participants with a deep understanding of Philippine textiles, heritage, textile innovation, sustainable fashion practices, and essential design principles. The Textile Bootcamp Module 1: Textile 101 highlighted topics on the overview of textile technologies such as raw materials, spinning, weaving, knitting, dyeing, finishing, and quality textile testing. Module 2 on Textile Heritage is slated for 10 August. Registration is still open.

# 4th Handloom Weaving Interagency Meeting

29 July 2024, DTI, Makati City

The Institute led the 4th Philippine Handloom Weaving Interagency Meeting, bringing together representatives from various agencies, including the DTI, NCCA, NCIP, TESDA, IOPHL, and DA-PhilFIDA. The meeting, hosted by DTI, included discussions on finalizing a Memorandum of Understanding to create the National Handloom Weaving Development Council (NHWDC) and deliberations on Senate Bill 241, which emphasizes the need for support and protection of the handloom weaving sector.



# Textile Research, Tech during PAASE Meet in BatsU

18-19 July 2024, Batangas State University, Batangas

The Institute's researchers participated in the Batangas State University leg of the 44th APAMS with the sub-theme "Technological Innovations Towards Smart Cities and Communities and Responsible Use of AI." During the Oral Presentation category, they presented research outputs on CoBUILDTex: Constructions and Building using Indigenous and Locally-Developed Natural Textiles and Philippine COMBATex: Philippine Camouflage, Optical, Mechanical, Ballistic & Armored Textiles R&D Programs. The team showcased innovative solutions for valorizing natural textile fibers and developing local technologies for smart and sustainable cities.



# Kawayarn for Hospitality, Home Textiles

31 July 2024, DOST-PTRI, Bicutan, Taguig City

Mr. Mark Sultan Gersava, Founder of Bambuhay and Member of the National Innovation Council, and North-Diamond Consumer Goods Trading, a company specializing in high-end European homewares, explored bamboo textiles at the DOST-PTRI's Innovation Center for Yarns and Textiles (ICYT) to understand the process of transforming fiber into yarn.



# Designer Hindy Tantoco Explores Sustainable Textiles, digitalization

31 July 2024, DOST-PTRI, Bicutan, Taguig City



Hindy Weber Tantoco, a fashion designer and regenerative farmer, toured the DOST-PTRI Innovation Center for Yarns & Textiles (ICYT) with her team. During the tour, they explored natural textile production, observed the spinning process, and examined products made from bamboo, pineapple, abaca, banana, and silk. They aim to integrate these fibers and dyes into their designs through a collaboration with the Institute. Additionally, they were introduced to the 3D body scanner for precise measurements and custom fittings.

Both parties are exploring ways to integrate bamboo fabrics into bed linens to boost the sustainability of their materials and utilize local resources. After the tour, they admired the quality of yarns and fabrics made from these fibers. They recognized a potential market for integrating such materials into furnishings and home textiles.

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