Week 41 | 06-12 October 2024

ELATHAI

Official E-Newsletter of DOST-Philippine Textile Research Institute

PTF in combat

COMBATex fortifies SRDP Act, PTF Law compliance

10 October 2024, TELA Gallery, DOST-PTRI, Bicutan, Taguig City

A day after His Excellency President Ferdinand R. Marcos Jr. signed Republic Act No. 12024, also known as the 'Self-Reliant Defense Posture (SRDP) Revitalization Act", the Institute hosted the Textile Innovation Dialogue for Human Security and Defense Sector. The event gathered stakeholders from the military, PNP local textile manufacturers, and industry expects to discuss the textiles innovations for the military. experts to discuss the textiles innovations for the military.



Focusing on the camouflage fabric and battle dress uniforms, the dialogue aimed to align local production capabilities with the military's need for durable, high-performance materials. Representatives from the Armed Forces of the Philippines and local textile companies emphasized the importance of collaboration to develop high-quality Philippine Tropical Fabrics (PTF) for military use.









Taytay Poised to be the Textile Upcycling Capital







To strengthen Taytay's textile industry, the Institute signed a Memorandum of Understanding (MOU) with the Municipality of Taytay, Rizal. The MOU, signed during the Regional Science, Technology, and Innovation Week in CALABARZON, aims to explore sustainable textile manufacturing, upcycling, and innovation in garments production. DOST-PTRI Director Dr. Julius L. Leaño, Jr. emphasized Taytay's potential to become the textile upcycling capital of the Philippines. The partnership seeks to boost Taytay's local economy by promoting eco-friendly textile practices and enhancing the town's role as a key player in the textile industry.

The Team then held a brief Innovation Dialogue, during which DOST-PTRI presented key initiatives, including TexRev for waste textile upcycling, DigiTELAzation for Industry 4.0 applications in textile and garments manufacturing, and the Textile Academy, which focuses on upskilling garment manufacturers.

3rd PTF Webingr **Draws 200+ Attendees**

F2F for Uniform **Makers Coming Soon**

11 October 2024, via Zoom and DOST-PTRI Facebook Page





The Institute conducted the last batch of its Philippine Tropical Fabrics (PTF) Law Webinar on October 11, 2024, drawing over 200 participants from various government agencies nationwide. This webinar series aims to ensure compliance with Republic Act No. 9242, which mandates the use of PTF in

The session educated National Government Agencies (NGAs) and Local Government Units (LGUs) on key aspects of the PTF Law, such as fabric testing, certification, and procurement guidelines. Representatives from the Civil Service Commission (CSC), LGUs, TESDA, Service and other relevant agencies attended to better understand roles their promoting compliance.

government uniforms.

DOST-PTRI experts insights on PTF-compliant fabric testing and procurement processes, advocating for the use of local fabrics like abaca, piña, and banana to support sustainability and preserve cultural heritage.

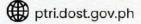
week, a face-to-face n with uniform session manufacturers will take place to further explain PTF regulations and quidelines

Largest Regional SEDA Pilipinas Silk Cocoon Hub to rise in Laguna in 2025

12 October 2024, Hills and Berries, Pangil, Lagund



The Institute broke ground on the country's largest commercial-scale silk cocoon production hub in Pangil, Laguna. The facility, part of the SEDA Pilipinas initiative, is set to produce 1.2 tons of raw silk annually, solidifying the region's role in the Philippine Silk Roadmap. Utilizing a 10-hectare mulberry plantation, the project represents a major step in expanding local silk production and reducing reliance on imports. The initiative, in collaboration with DOST-CALABARZON and local enterprise Hills and Berries, aims to create jobs, promote sustainable agricultural practices, and strengthen the local textile industry









PTF Shines at Erlendur Iceland Fashion Week 2024

Whales of Iceland Museum, Reykjavik, Iceland

The Philippine Tropical Fabrics (PTF) are featured at Erlendur Iceland Fashion Week in Reyjavik, Iceland featuring_Mayeth S. Codoy, a Filipina designer, and owner of MYET, a Norwegian brand based in Norway that specializes designing NTF fabrics.

Ms. Codoy's work is anchored influenced sustainability, influenced Norwegian culture and economic value. She showcases this through her ingenious use of Philippine natural textile fibers in haute couture fashion. Her signature fashion style includes minimalist contemporary design using natural textile fibers.

Part of her advocacy is promoting a sustainable business model that ensures equitable compensation for local tailors and seamstresses. Ms. Codoy's dedication to and passion for Philippine textiles have led to a collaboration with the DOST-PTRL

SAFATOS, PTF gain interest of SM

Textile Innovations in Center Stage in DOST-SMIC's Tactics for Better PlasTIK Expo





The Institute took center stage at the Tactics Better PlasTIK Expo, showcasing innovations in sustainable textiles. The event, held from October 10-11 at SM Megamall, highlighted DOST-PTRI's work in developing biodegradable fibers such as bamboo and abaca to address the plastic waste crisis. The Institute also introduced nonwoven packaging, further demonstrating its commitment to sustainability in the textile industry. The event facilitated discussions on circular economy principles and provided a platform for stakeholders to exchange knowledge and explore commercialization opportunities.

Mangyan Communities harness colors from plants thru Nat Dyes Training 08-10 October 2024, Panaytayan Proper, Oriental Mindoro

The Institute conducted a five-day natural dye training program for the Hanunuo Mangyan community in Oriental Mindoro, blending traditional dyeing knowledge with scientific methods. The training, held from October 7-11, focused on producing natural dyes from local resources like cogon grass, talisay leaves, and indigo plants

The initiative not only seeks to improve the community's technical skills but also to preserve their cultural heritage while promoting sustainable textile practices. DOST-PTRI continues to empower indigenous communities through programs that support both economic development and environmental sustainability





SEDA Pilipinas renews ties with Benguet State U

08 October 024, La Trinidad, Bengue



SEDA Pilipinas has expanded its presence in Benguet, with plans to establish the region's third Silk Innovation Hub under the SEDA Plipinas Program. In partnership with Benguet State University, the facility will include a mulberry plantation and silk cocoon production lines, expected to produce 1.8 tons of raw silk annually. This initiative aims to revive the local silk industry and stimulate the economy through sustainable practices. DOST-PTRI and local government afficials have also announced the 6th Philippine Silk Summit, set for March 2025 in Baguio City, highlighting Benguet's key contribution to the national silk

Patent Granted!



LETTERS PATENT INVENTION

aid S. (Taguig City, Metro Manila, PH) and CASERO, stro Manila, PR)

The Institute has been granted a patent for an inventionspinning machine capable of processing a wide range of natural fibers, including cotton, abaca, and bamboo. Invented by engineers Ronald S. Pechera and Roberto O. Casero, the which machine. can operated manually or by motor, is set to transform the local textile industry. With this patent, DOST-PTRI gains exclusive rights to the machine, safeguarding innovation unauthorized production or sale. The invention marks a significant leap toward enhancing the efficiency and sustainability of fiber processing in Philippines.



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