



TELATHALA

Official E-Newsletter of DOST-Philippine Textile Research Institute



DOST-PTRI honored by PH Navy for COMBATex

23 October 2024, Multipurpose Hall of Fort San Felipe, Cavite City, Cavite

As the nation prepared for Typhoon Kristine, the Institute braved the weather to receive an award for its role in advancing military textile technology during the Stakeholder's Recognition Ceremony in celebration of the 77th Founding Anniversary of the Naval Sea Systems Command (NSSC). This event honored key contributors from government agencies, academia, and industry.



The Institute was singled out for its groundbreaking work with the Naval Research and Technology Development Center (NRTDC) in developing a Functional Philippine Camouflage Battle Dress Uniform (BDU). This uniform, crafted from Philippine Tropical Fabrics (PTF), is part of the Philippine Camouflage, Optical, Mechanical, Ballistic, Technical Textiles (COMBATex), a Research and Development Program of the Institute.



This program focuses on creating durable, high-performance fabrics that meet the specific demands of military and defense applications. The collaboration with NRTDC marks a significant step toward the local production of camouflage, optical, mechanical, ballistic, and armored textiles, bolstering the country's defense capabilities and reducing reliance on foreign suppliers.

37 Catanduanes abaca farmers receive 'CARAEN'

21 October 2024, Catanduanes State University, Virac, Catanduanes

Despite the looming threat of typhoon Kristine, the Institute in collaboration with DOST - Region V and the Provincial Science and Technology Office (PSTO) - Catanduanes, distributed 37 units of Portable Abaca Fiber Stripping Machines, known as "CARAEN," to farmer associations in the municipalities of Baras, Bato, Caramoran, and Pandan, Catanduanes.



The CARAEN machine, a development output by Mr. Ramon T. Manlolo, a farmer who was assisted by DOST-PTRI for validation and commercialization, is a gender-sensitive, user-friendly device that enables farmers to produce high-quality abaca textile fiber with significantly less physical effort than traditional fiber stripping methods. The machine's ergonomic design and efficiency make it accessible to a wide range of users, particularly women, who play a vital role in abaca farming communities.

SEDA Pilipinas leverages silk innovations from China visit

24 October 2024, Huzhou, Zhejiang Province, China

The Institute's SEDA Pilipinas program joined an international delegation on a site visit to Zhejiang Huafeng Silk Industry Co., Ltd., a leading silk processing facility in Zhejiang Province, China. The visit offered a firsthand look at the innovative and efficient practices driving China's success in silk production and served as a powerful benchmark for future silk industry advancements in the Philippines.

The visit aligns with a SEDA Pilipinas' broader mission to develop a thriving, self-sufficient silk industry in the Philippines. As the Institute moves forward with its vision, the successful exchange of technology and industry practices demonstrated in China will be pivotal to the Philippines' journey towards a sustainable and competitive silk industry.



PTF uniforms showcased at the GPPB's 6th Annual Procurement Summit

21-23 October 2024, GPPB-TSO Building, Diliman, Quezon City



The Institute mounted a textile exhibition at the 6th Annual Procurement Summit organized by the Government Procurement Policy Board – Technical Support Office (GPPB-TSO). This showcase provides a platform to highlight the sustainable and innovative qualities of the Philippine Tropical Fabrics, demonstrating its potential for broader use in public procurement while promoting local industries.

DOST-PTRI's participation not only celebrates Filipino ingenuity but also reinforces the importance of sustainable and inclusive practices in shaping the future of public procurement in the Philippines, especially with the implementation of Republic Act (R.A.) No. 9242 or the Philippine Tropical Fabrics (PTF) Law, which mandates the use of Philippine tropical fabrics in government uniforms.

NegOcc weavers learns NatDyes

14-18 October 2024, Kabankalan, Negros Occidental

The Institute conducted a capacity-building training on Natural Dye Extraction and Application to equip local weavers in Negros Occidental with sustainable dyeing techniques using locally sourced plants. Part of the Institute's FRONTIER program aimed at strengthening regional textile industries, the training introduced weavers to natural dyes made from mahogany bark, talisay leaves, mango leaves, turmeric, and coconut husk. Participants learned step-by-step methods for dye extraction and textile application, developing skills that enable them to create eco-friendly, vibrant dyes suitable for traditional handloom weaving.



Textile developments at the annual Crafts and Arts Fair

23-27 October 2024, Megatrade Halls 1-3, SM Megamall, Mandaluyong City



The Institute is making waves at the 2024 National Arts and Crafts Fair (NACF) with its KatHABI Textile Innovation Exposition showcasing its latest advancements in textile technology and sustainability.

The exposition features a fiber transformation display, silk and natural dyed yarns. Visitors can also see handwoven fabrics and innovative footwear. The exhibit also highlights wearable items like a cotton-pineapple fiber set and a kimono dress designed by Anthony Cruz Legarda.

NACF is a flagship event organized by the Department of Trade and Industry (DTI) that celebrates the creativity and craftsmanship of Filipino artisans across the country. Held annually, the fair serves as a platform for showcasing traditional and contemporary arts and crafts, bringing together local designers, entrepreneurs, and cultural communities.



27 artisans in E. Samar colors coir with low impact dyes

23-24 October 2024, San Gabriel, Borongan, Eastern Samar

The Institute, in partnership with DOST Region VIII, DOST-PSTO Eastern Samar, and Eastern Samar State University, held a two-day training on the Synthetic Dyeing of Indigenous Fibers, attended by 21 members of the San Gabriel Agrarian Reform Beneficiaries Cooperative (SGARBC), focusing on enhancing the local handicraft industry. Participants learned techniques for fiber pre-treatment and dyeing processes using synthetic dyes, gaining hands-on experience to produce consistent and vibrant colors.



Congratulations!

2024 CHEMIST LICENSURE EXAMINATION PASSERS



Jeff Ryan S. Magalona, RCh
Project Technical Assistant IV
Research and Development Division



Melrose Caryl P. Montalvo, RCh
Project Technical Assistant II
Research and Development Division

2024 CHEMICAL TECHNICIAN LICENSURE EXAMINATION PASSER



Jan Arthur D. Olegario
Project Technical Aide V
Research and Development Division

The Institute congratulates its researchers for hurdling the 2024 Chemist and Chemical Technician Licensure Examinations. Demonstrating excellence in their fields, **Jeff Ryan S. Magalona** and **Melrose Caryl P. Montalvo**, who successfully passed the **2024 Chemist Licensure Examination**. Additionally, **Jan Arthur D. Olegario** has also earned recognition for passing the **2024 Chemical Technician Licensure Examination**.

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