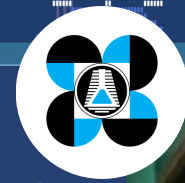


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TELATHALA

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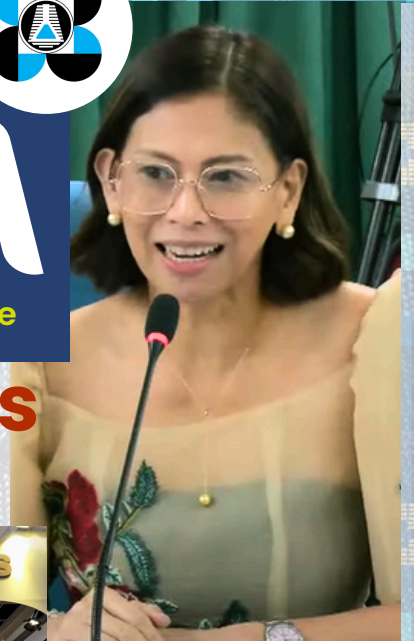
PH Fashion, accessories on centerstage in HK

04-07 September 2024, HKCEC Wan Chai, Hong Kong



The Institute presented its latest textile and accessories innovations at CENTRESTAGE Hong Kong, one of Asia's premier fashion events, held at the Hong Kong Convention and Exhibition Centre (HKCEC) 04-07 September 2024.

Premier international designers, industry professionals, and innovators visited the exhibit, being a platform of the Philippines' rich textile heritage and its sophisticated creative industry players. Highlight of the exhibit were shoes crafted from Philippine Tropical Fabrics (PTF), modeled by the Filipino pop group ALAMAT in collaboration with the local brand Aishe and proudly made in Liliw, Laguna. The exhibit also highlighted naturally-dyed silk yarns and the institute's advancements in natural textile fiber transformation, showcasing the unique fusion of tradition and contemporary design.



Senior Vice Chairperson of the House Committee on Appropriations Rep. Stella Luz A. Quimbo, during the DOST budget Hearing at the House of Representatives.

DOST's 28.77 B Hurdles House ApproComm Footwear, creatives draw interest

05 September 2024, HOR, Quezon City

In perhaps one of the most smooth presentations of the DOST's budget in recent years, the House Committee

on Appropriations chaired in that hearing by Senior Vice Chairperson Rep. Stela Luz A. Quimbo successfully terminated the hearing of the budget of Department and its attached agencies. Dr. Renato U. Solidum, Jr., DOST Secretary, meanwhile, led the budget presentation for fiscal year 2025. Secretary Solidum outlining the agency's budget priorities, focusing on four strategic goals: promoting human well-being, fostering wealth creation, reinforcing wealth protection, and institutionalizing sustainability. He highlighted the Institute's initiatives, including Fostering the Revitalization of Nascent Textile Innovation Ecosystems in the Regions (FRONTIER) Program, and the Creativity and Equity through Accelerated Textile Technology Engagement and Entrepreneurship Ventures for Vulnerable Sectors (CREATTEEVs) program. Rep. Quimbo expressed interest on R&D and initiatives on footwear and accessories and the development of "scaleable" material solutions and options.

Japan Silk Visit reveals roles women play in the Silk Value Chain

03 September 2024, Tomioka Silk Mill, Gunma Prefecture, Japan

SEDA Pilipinas team visited Japan's Tomioka Silk Mill to explore its historical significance. Established in 1872, this mechanized silk mill was a state-of-the-art facility that showcased the influence of Western technology on Japanese industrial practices. It represented the pinnacle of

innovation in silk and played a crucial role in transforming the female workforce in Japan. The mill provided women with the opportunity to work in a modern factory setting, thereby reshaping their roles in the workforce. In 2014, UNESCO recognized the Tomioka Silk Mill as a World Heritage Site.



OISCA, DOST-PTRI Meet in Japan, Open Opportunities for PH Silk

02 September 2024, OISCA, Tokyo, Japan



OISCA-International's Vice President Mr. Nagaishi Yasuaki and President Ms. Etsuko Nakano hosted the DOST-PTRI team in Tokyo for a training program on Japan's sericulture industry. The visit funded by OISCA-International, provided insights into Japan's silk production history, current practices, and future trends. A Memorandum of Agreement will strengthen ties in support the further development of the Philippine silk.



SEDA Pilipinas Team learns from ISSS Silk Innovations

02 September 2024, Institute of Sericulture and Silk Science (ISSS), Ibaraki Prefecture, Japan

Dr. Keiko Kadono-Okuda, Director General of ISSS under The Dainippon Silk Foundation, welcomed the DOST-PTRI Team to explore its silk technology at the Institute of Sericulture and Silk Science (ISSS) in Ibaraki Prefecture, Japan, on 02 September 2024. The visit included an overview of ISSS's silkworm breeding, mulberry cultivation, and silk production practices.

ISSS operates a large-scale silkworm rearing room for 200,000 silkworms in one production cycle, and manages a three-hectare mulberry field producing 40 tons of leaves annually. They also produce around 4 million silkworm eggs from different breeds yearly and offer testing services, technical training, and genetic resource conservation for various industries.



SEDA Pilipinas immerses in Kamagone

03 September 2024, Komagane Silk Museum, Nagano Prefecture, Japan



The Komagane Silk Museum provides a thorough overview of the evolution of silk production techniques from manual to mechanical processing of silk.

The DOST-PTRI Team visited the Museum on 03 September 2024 and explored the traditional methods alongside modern innovations in sericulture, offering a comprehensive understanding of how the industry has developed through centuries.

The visit highlighted the rich history and intricate technologies of the long-standing tradition of sericulture in Japan. Beyond being a repository of Japan's sericulture heritage, the Komagane Silk Museum serves as a gateway to understanding the potential of the sericulture industry as a key player in economic development. The museum offers workshops, and classes on silk reeling, natural dyeing, and more.

Spinning Textile collaborations: HKPolyU, DOST-PTRI initiates Tropical Fiber, Textile Research

03 September 2024, Hong Kong Polytechnic University, Hong Kong

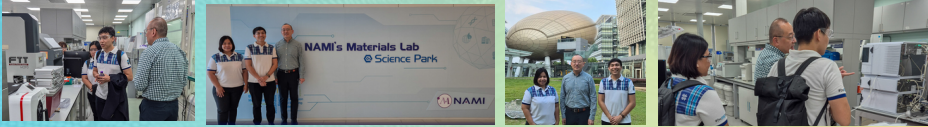


The DOST-PTRI visited the Hong Kong Polytechnic University (HKPolyU) for a technical meeting with the School of Fashion and Textiles Chair Prof. Wang Xungai. Representative from the Institute presented the natural textile fibers (NTFs), sustainable and circular apparel, and technical textile technologies aimed for industry and local community adoption. In particular, Prof. Wang highlighted the leading role of the Philippines as a pioneer of tropical fiber and textile research, and pitched academic collaborations between HKPolyU and DOST-PTRI, especially in nascent fields such as business and product development and artificial intelligence (AI) in design and fashion. Prof. Wang also discussed the strong academe-government-industry linkages in Hong Kong and the Greater Bay Area (Hong Kong-Macao-Shenzhen-Guangdong) and cited it as an exponent of economic progress, which allows it to be a potential model for Philippine development in textiles. This link will also fortify the Institute's Textile Academy program for its stakeholders.

DOST-PTRI, NAMI collaborates for cutting-edge Textile R&D

02 September 2024, Hong Kong Science Park, Hong Kong

DOST-PTRI and the Nano and Advanced Materials Institute (NAMI) met at Hong Kong Science Park to discuss R&D initiatives. The Institute presented its thrust of R&D anchored on the needs of Filipino industry and communities, focusing on Philippine Tropical Fabrics (PTFs) such as pineapple, abaca, banana, bamboo, and silk and the application of Smart Textile (SmartTex) innovations. NAMI, as Hong Kong's premier materials expert institution, has a strong portfolio of innovations focusing on a strong linkage with industry partners, with market-driven, demand-led materials innovations on construction, electronics, energy, environment, and healthcare. Both organizations agreed to further explore collaborations on advanced textile materials and industry-driven research and development.



DOST-PTRI, HKRITA Explore Joint Initiatives on Sustainability, Circular Textile Economy

03-04 September 2024, Hong Kong Polytechnic University, Hong Kong

On 03-04 September 2024, the Institute attended a technical meeting, facility visit, and a symposium organized by the Hong Kong Research Institute of Textiles and Apparel.



In line with the Memorandum of Understanding signed with HKRITA on 07 November 2023, collaborations between DOST-PTRI and HKRITA were discussed, such as mechanical and chemical textile recycling, adhesives, microplastics, and AI for textiles and fashion.

The Team also joined the inauguration of the Open Lab, a textile sustainability collaboration between HKRITA and the H&M Foundation. The inauguration was led by HKRITA officials, and supported by Hong Kong companies, which aims and

plans to contribute to the textile upcycling of their spent uniforms and promote the use of sustainable textile technologies. During the Open Lab, the Institute mounted an exhibition highlighting its latest textile technologies.



KAWAYARN Kickstarts DOST PH Bamboo Month

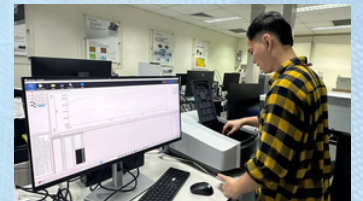
07 September 2024, Philippine Broadcasting Service, Quezon City



In celebration of Philippine Bamboo Month this September, Radyo Syensya aired a special feature on KAWAYARN: The Bamboo Textile PH, marking a beginning to the month-long celebration. The segment was hosted by no less Department of Science and Technology (DOST) Secretary Renato U. Solidum Jr, along with DOST-PTRI Director Dr. Julius L. Leaño Jr. and co-anchor Onin Gel Miranda. During the interview, Secretary Solidum emphasized the ecological and economic advantages of bamboo, particularly its potential applications across various industries, including textiles. Dr. Leaño also discussed the recent advancements in bamboo technology and the ongoing research and development initiatives of the DOST-PTRI.

DOST-PTRI boosts Expertise in Textile Testing with Singapore Training

02-04 September 2024, Singapore



Selected DOST-PTRI experts participated in an intensive training on UV-Vis Spectroscopy, Color Measurement, and Ultra-violet Protection Factor (UPF) in Singapore. The program with both lectures and hands-on sessions, enhanced the team's technical skills in utilizing advanced equipment and software. This capacity-building supports the Institute's efforts in meeting the evolving testing needs of textile stakeholders, including those in industry, academia, research, and government sectors.

CoBUILDTex Technologies for Construction Showcased at PHILCONSTRUCT Mindanao

05-07 September 2024, SMX Convention Center, SM Lanang Premier, Davao



The Institute showcased innovations at PHILCONSTRUCT Mindanao, featuring the DOST-GIA project "Constructions and Buildings Using Indigenous Locally Developed Natural Textiles Program (CoBUILDTex)." The Program demonstrated the use of indigenous textile fibers in construction, blending them with inorganic or cementitious matrices to create composite materials for freeform concrete structures, outdoor furniture, and canopies. Nonwoven fabric-based formwork was also introduced, enabling the creation of curved architectural structures. These smart textiles offer thermal and acoustic absorption properties, enhancing indoor environmental quality as insulators and lighting diffusers for confined spaces.

Army Support Command Enhance Skills thru Textile Academy Training on Dyeing Techniques

03-06 September 2024, DOST-PTRI Building, Taguig City

Personnel from the Research and Development Center, Army Support Command underwent a capacity building training under the Institute's Textile Academy Program from 03-06 September 2024. The training includes Synthetic Dyeing of Indigenous Fiber and Extraction and Application of Natural Dyes.

The training provides them technical understanding of the textile requirements in quality testing relevant to the battle dress uniform (BDU) evaluation. This also orient them on the international standards, methods, and procedures of the Institute's developed technologies.



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