

Week 30 | 20–26 July 2025

# TELATHALA

Official E-Newsletter of DOST–Philippine Textile Research Institute

## DBM Sec Lauds TexRev at 8th NRDC

*TexRev showcases circular solutions for textile waste with BAYO*  
23–24 July 2025, The Manila Hotel, Ermita, Manila



At the 8th National Research and Development Conference (NRDC), Department of Budget and Management Secretary Amenah F. Pangandaman accompanied by DBM Undersecretary Margaux Salcedo and Wilford Wong visited the DOST–PTRI exhibit featuring TexRev—short for Textile Revitalized—a recycled yarn innovation developed under the CRADLE TexRev Project with BAYO.

TexRev transforms post-industrial textile waste into quality yarns, showcasing a circular approach to sustainability. Secretary Pangandaman, joined by DBM Usecs Margaux Salcedo and Wilford Will L. Wong, expressed appreciation for the project's real-world impact during her engagement with DOST Sec. Renato Solidum Jr., DOST Undersecretary Leah J. Buendia and DOST–PTRI Director Julius Leano Jr.



## 29 Tawi-Tawi Women Mat Weavers Trained in Pandan Leaf Dyeing

22–23 July 2025, Silantup, Tandubas, Tawi-Tawi



The Institute conducted a basic pandan leaf dyeing training for 29 all-female Tepo mat weavers in Silantup, Tandubas, Tawi-Tawi. Participants came from various communities, including the Badjao Village of Bongao and several local weaving groups.

The training aimed to improve the color quality and market appeal of pandan-based mats. Supported by The Asia Foundation, the Tawi-Tawi Provincial Women's Council, and the Ministry of Trade, Industry, and Tourism, the initiative promotes sustainable practices while preserving cultural traditions and enhancing women's livelihoods.



# DOST-PTRI, Z. Sibugay Back Revival of Subanen Weaving

23 July 2025, Provincial Capitol, Ipil, Zamboanga Sibugay

The Institute engaged with Governor Ann K. Hofer and DOST IX, Zamboanga Sibugay, to map out a long-term vision for revitalizing the Subanen weaving community and strengthening the province's indigenous textile sector.

DOST-PTRI proposed the establishment of a hybrid center for handloom weaving, natural dyeing, and product development, with satellite hubs across the province. This envisioned facility aims to address key value chain gaps, particularly the lack of accessible yarns, and serve as a foundation for sustainable textile livelihoods.

Also discussed were training programs from basic to advanced weaving, the reverse-engineering and revival of the Subanen pulao weave, product branding and development, and the creation of a weaver registry to preserve and formalize the community's cultural identity.



# CatSu, CSU Complete Textile Sci Internship

4 CatSU Interns Enhance Institute's Internal systems

18 July 2025, DOST-PTRI, Taguig City



Four (4) BS Computer Engineering students from Catanduanes State University (CatSU) recently completed their 300-hour on-the-job training at the Institute. Their final outputs contributed to the Institute's digital transformation, including enhancements to the Human Resource Information System, Procurement Management Information System, and the development of a Document Tracking System. These efforts aim to streamline internal processes and improve operational efficiency.



# 44 Agusan del Norte Farmers Upskilled in Mulberry Cultivation for Silk

16 July 2025, Brgy. Rizal, Buenavista, Agusan del Norte

As part of efforts to rehabilitate mined-out lands and promote sustainable agriculture, DOST Agusan del Norte organized a mulberry propagation training on July 16, 2025, for 44 farmers in Brgy. Rizal, Buenavista.

The training, led by DOST-PTRI, aimed to equip local farmers with practical skills in growing mulberry, a key crop for the silk industry and a sustainable option for restoring degraded soil. It was made possible through the collaboration of Caraga State University, DOST Caraga, and the Municipal Agriculture Office of Buenavista. Members of the Dalaoan Farmers Association, led by Mr. Gregorian M. Ordiz, actively participated in the training, which included a ceremonial mulberry planting to symbolize their commitment to land recovery and resilient livelihoods.

CSU's Agriculture Department and PSTO Caraga also joined the effort, reinforcing the region's shared push for science-driven, sustainable farming solutions.



# 10 CSU Agri Interns tackles Silk R&D

22 July 2025, DOST-PTRI TCMO, Villanueva, Misamis Oriental



Ten incoming 4th year BS Agriculture students from Caraga State University (CSU) completed their 240-hour internship at the DOST-PTRI Technology Center in Misamis Oriental on July 22, 2025. Their training included mulberry propagation, silkworm rearing, post-cocoon processing, and short-term research on pest management, antimicrobial agents, and natural soaking oils for raw silk. The students presented their research posters as a final requirement.



The Textile Science Internship is part of the Institute's Textile Academy Program, a hub for knowledge exchange that aims to develop future textile experts.

# BTFIH-Abra Strengthens Textile Supply Chain in the North

17 July 2025, ASIST, Bangued, Abra

The Institute visited the Bamboo Textile Fiber Innovation Hub (BTFIH) at the Abra State Institute of Sciences and Technology (ASIST) to secure raw bamboo fiber for its research and development activities. Operational since January 2024, the hub continues to supply quality fiber while sustaining operations through income from fiber sales. DOST-PTRI engaged with the hub's team to explore potential upgrades such as a degumming machine and a hard fiber opening machine to boost its capacity to produce staple bamboo fiber.

The hub currently processes four bamboo species, with buho, a variety native to Abra, showing strong potential for textile use. The collaboration between DOST-PTRI and ASIST showcases how local innovation and natural resources can support sustainable development.



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