Week 23 | 01 - 07 June 2025

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Official E-Newsletter of DOST-Philippine Textile Research Institute

BARMM leads regions with Bangsamoro Reg'l T Innovation Ecosystem Textile

04 June 2025 | TELA Gallery, DOST-PTRI, Bicutan, Taguig City



The Institute held a Textile Exchange as a follow thru of the Innovation dialogue with BARMM stakeholders earlier to strengthen collaboration on textile that promote cultural programs heritage, sustainability, and industry growth. The session also reviewed ongoing initiatives and the MOU with MTIT and MOST, identifying key areas for partnership and alignment.

DOST-PTRI Supports Local

**Weavers in 2025 LIKHA** 

06-08 June 2025 | Foro de Intramuros, Manila

In celebration of the 127 years of **Philippine** Independence through creativity, culture, community, this year's Likha introduced 28 more artisans showcasing their mastery in basketry, woodwork, weaving, jewelry, pottery, and more.





The Institute showed its continued support for local weaving communities by engaging with the weavers during the event. The DOST- PTRI Director, held discussions to better understand the challenges faced by weavers and to design the needed intervention to improve their production capabilities, product quality through enhance innovation, and sustain their livelihoods.

# Textile R&D | Utility Model Glowing Cellulose Ńanocrystals from banana, abaca secured



CERTIFICATE OF REGISTRATION **UTILITY MODEL** 

#### REGISTRATION NO. 2/2024/050203

DEPARTMENT OF SCIENCE AND TECHNOLOGY - PHILIPPINE TEXTILE RESEARCH INSTITUTE (DOST-PTRI) (Taguig City, Metro Manila, PH)

Title of the Utility Model: LUMINESCENT CELLULOSE NANOCRYSTALS FROM Musa sp.

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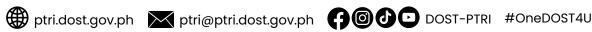
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The Institute marks a breakthrough in textile innovation with the utility model registration of its UV-induced nanocrystal technology for fabrics and yarns—enabling information visible only under UV light to enhance anti-counterfeiting measures. The registration grants DOST-PTRI exclusive rights over the process, reinforcing its commitment advancing secure, science-driven solutions in the local textile industry.

















# DOST-PTRI, OISCA Powers Up SEDA Pilipinas Farms

03 June 2025 | DOST-PTRI, Bicutan, Taguig City

The country representative, Mr. Yasuo Mandai of OISCA International engaged with the Institute to align plans for the 2025-2026 Japanese-funded sericulture project. At least 30 new and potential seri-farmers will receive hands-on training at the OISCA Negros silk facility, in partnership with DOST-PTRI's SRIC in Misamis Oriental. The collaboration aims to boost local silk production, with future support eyed for silkworm rearing houses in Misamis Oriental, Benguet, and Nueva Vizcaya, strengthening silk value chains across rural communities.



# weaves Cordilleran Pride in 2025 Graduation Medals

30 May 2025 | PFVR Gymnasium, Baguio City

The Institute commends the Philippine Science High School - CAR for incorporating Cordilleran weave patterns into this year's graduation medals, a meaningful tribute to indigenous heritage.





This gesture reflects growing efforts to integrate local textiles into academic regalia, aligned with the spirit of the Academic Regalia Bill. DOST-PTRI Director Julius L. Leaño Jr. and DOST Secretary Renato U. Solidum, Jr. joined the celebration, signaling continued support for culturall-rooted innovation in education.

# DOST USec. Vows Support Textile Innovation 04 June 2025 | DOST Main Building, Bicutan, Taguig City

DOST Undersecretary for Regional Operations Engr. Mabborang Sancho engaged with BARMM textile stakeholders and DOST-PTRI discuss ongoing initiatives in the region. He affirmed strong support for S&T-driven programs that boost local textile industries and promote inclusive growth, committing to visit BARMM within the year to stréngthen further collaboration.



### SEDA Pilipinas Value Chain Showcased Tapok Mag-uuma 2025

30 May 2025 | Kaamulan Folk Arts Theater, Malaybalay City, Bukidnon

The Institute highlighted the full local silk value chain at Tapok Mag-uuma 2025 in Bukidnon, from mulberry farming to handwoven silk and sustainable textile innovations. The exhibit, held during the 23rd Agricultural and Fishery Council Congress, brought together PCAF, farmers, fisherfolk, and key agencies in a shared push for inclusive, resilient, and sustainable rural development.



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## **Veterans Mem'l Medical Center Eyes Shift to Local Textiles for Uniforms**

04 June 2025 | DOST-PTRI, Bicutan, Taguig City

The Institue engaged with Veterans Memorial Medical Center to support its move toward using locally made fabrics for staff uniforms. The Institute shared insights on climate-suitable textiles and design, aligning with CSC Memorandum Circular No. 16. It also discussed the PROTex program and N-halamine technology for rechargeable biocidal textiles. Both agencies committed to further collaboration to promote national identity and support the local textile industry.



#### Textile Academy | 9 NGO Workers Advance Handloom Weaving Skills Thru DOST-PTRI, K+K Training

02 - 06 June 2025 | Kaunlaran para sa Kultura + Kalikasan Inc., Quezon City Nine NGO workers from Luzon completed an Advanced Handloom Weaving Training conducted by DOST-PTRI and Kaunlaran para sa Kultura + Kalikasan Inc. (K+K) in



Building on a 2024 basic course, the training deepened their skill in crafting complex weave patterns supporting efforts to sustain traditional Filipino weaving with cultural and environmental integrity.





### **BARMM Benchmarks Iloilo's Hablon Weaving Industry**

02 June 2025 | RYPIC Iloilo, ISAT-U, Miag-ao, Iloilo City

The Institute facilitated a benchmarking mission with BARMM delegates to Iloilo's RYPIC and weaving communities on June 2, 2025, to strengthen the Bangsamoro textile ecosystem.



The exchange showcased blended yarn innovations and fostered knowledge sharing on weaving practices and fiber supply challenges, paving the way for cross-regional collaboration and inclusive textile development.







