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2018 DOST-ITDI Technology Offering – Fourth Series (Green Engineering Technologies)

Check this out! It's open to the public and FREE!!!
Two slots are available per company, First Come First Served!

Department of Science and Technology INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE
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To be presented in this fourth Technology Offering are green engineering technologies as follows:

1. Charcoal briquettes from fruit/rootcrop peels
   These charcoal briquettes are of high quality with high heating value compared to traditional charcoal commonly sold in the market and can be used as alternative fuel for heating and cooking purposes in homes and even in production facilities.

2. Compact wastewater treatment system design
   A low cost, sustainable, compact wastewater treatment system that can be used to treat wastewater coming from stand-alone quick service restaurants (QSRs), enabling compliance to the Philippine Clean Water Act.

3. Dual-drum composter equipment design for solid waste management
   A small-scale motorized dual-drum composter developed for the management of biodegradable solid waste following a standardized process with compost as end product.

4. Electric densifier
   A spin-off from ITDI's previous melting oven densifier that uses waste cooking oil that has now become a commercial commodity, this new design is a single screw electric densifier that requires no oil. Alternative products from the melted plastic wastes can be developed.

5. 4C composite technology for oil spill remediation
   An alternative method developed for oil spill clean-up. This is an adsorbent material made of chitosan and calcium carbonate composite from waste shrimp and egg shells.

6. Abaca fiber-reinforced composite
   A green composite material developed from abaca fiber, one of the abundant and strongest natural fibers in the country. It was already used to fabricate tricycle drivers' roofs and is eyed for wider application in other modes of local transportation like buses, jeepneys, and pump boats.

There will be technology pitching, consultations, and exhibit.

To learn more about the technologies and how to register, please visit our website: itdi.dost.gov.ph
or https://tsd2017.wixsite.com/technooffering; or engage with us through our Facebook page, DOST ITDI Updates.

You may also email us at tsd@itdi.dost.gov.ph or call at tel. nos. 837-6156 (telefax), 837-2071 to 82 local 2228 or 2270.

Up next will be the fifth and last of this Technology Offering series focusing on Advanced Technology (nanotechnology) and will be held on February 15, 2018 also at the FNRI auditorium.

We look forward to having you as partners in engaging science, technology, and innovation for the development of technology-based enterprises. See you then! (ITDI S&T Media Service)