

SIGAW Team installs TEWS in Infanta, Quezon

The university continues to respond to the challenge of Disaster Risk Reduction and Management through the deployment of the Solar-Powered Isotropic Generator of Acoustic Wave or SIGAW to the different provinces in CALABARZON.

On January 18-22, 2021, the ESRC team, with assistance from the General Services Office, installed another tsunami early warning system in Infanta, Quezon.

The installation is another milestone in the fulfillment of the Project SIGAW in Quezon Province. The installation turned out as a success in cooperation with the Municipal Disaster Risk Reduction Office (MDRRMO) of Infanta headed by Mr. Ron Crisistomo.

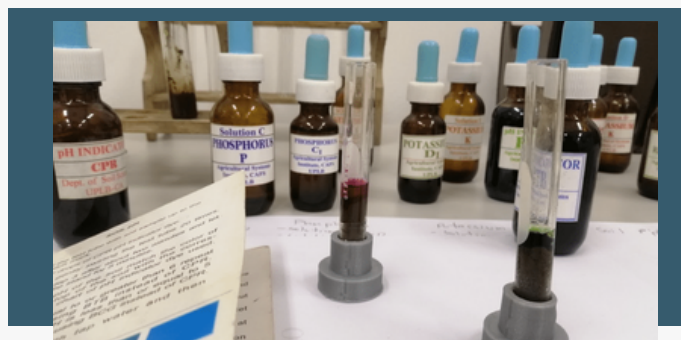


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Batangas Actions towards Revitalization and Acceleration of Kapeng BarakO Industry

Weather Monitoring Station

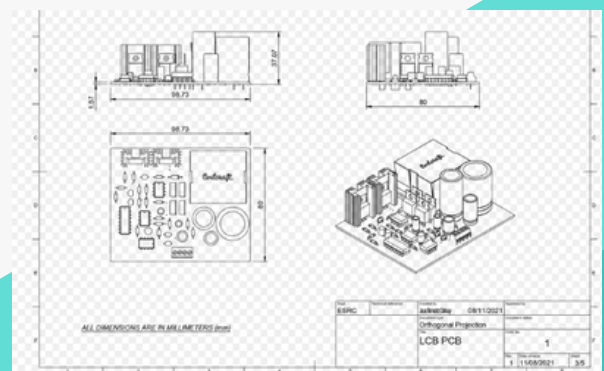
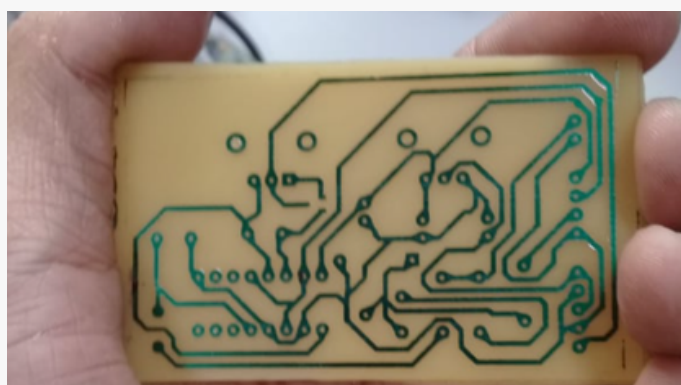
The installation of the weather monitoring station at the smart demo farm in Rosario, Batangas, was held on February 10, 2021. A smart demo farm for coffee is one of the components of the project BARAKO. The farm would be reliant on weather conditions to infer decisions on irrigation scheduling, fertilizer application, and activity calendar.



Spectral Analysis of Soil Samples

Also part of the project is the analysis of the soil sampled from the demo farm. The process included the collection of samples, which are then prepared for laboratory soil analysis as well as spectral analysis using imaging technology.

Fabrication of Sensor Interface Boards for Smart Irrigation System in BARAKO Project



Interface PCBs for converting the voltage signals from the soil moisture sensors to 4-20mA current signals were fabricated