FISHERS

Newsletter

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LSF prepares for gold

The VSA with the Criterion Champions in action.

It has been three years when the School was visited by the Asia Pacific Accreditation and Certification Commission (APACC) on May 28-29, 2013 which resulted in a Silver Award for Lupon School of Fisheries, on July 1, 2013 the second award for Mindanao after Regional Training Center - Korea Philippines Vocational Training Center. But Davao Region's premier TESDA Technology Institutions does not sit on its laurels as it embarks on yet another journey towards getting into the top tier of APACC accredited institutions in the Philippines.

On March 3 and 4, 2014, the APACC-TESDA joint consultative dialogue/workshop for TTIs was held at the TESDA Women's Center in Taguig. According to APACC, It was aimed at inspiring TTIs with expired APACC accreditation to apply for reaccreditation and get the most coveted Gold award, as well as encourage other TTIs to subscribe and aim for the same.

Further, per Deputy Director General Atty. Teodoro C. Pascua's words, the importance of getting an accreditation from organizations like APACC is for TTIs to improve the quality of TVET and produce a globally-competitive workforce hence, with full support from the current TESDA leadership, Lupon School of Fisheries is once again shifting on high gears in its effort to set the bar of APACC accreditation in the Philippines a notch higher.

This time around LSF is prepping for a second on-site visit for APACC re-accreditation in its quest to get that elusive first Gold Award for Region XI, in particular, and the Philippines at large. The School's preparation for another on-site visit tentatively on June 28-29, 2016 is the second cycle of quality improvement exercises through APACC accreditation. To the victor go the spoils!

Inside:

Vision

LUPON SCHOOL OF FISHERIES is a leading institution molding values for sustainable development to pursue excellence in technical vocational education and training

Mission

LUPON SCHOOL OF FISHERIES develops globally competitive MANPOWER equipped with skills and desirable work values for gainful employment

Who's New

Nur-Aisha Sugaran-Gandaruza is a graduate of Mindanao State University-Marawi with a Degree in Hotel and Restaurant Management with units in Education from the Philippine College of Technology's Teacher Certificate Program. She is also an alumna of Lupon School of Fisheries with a Certificate in Caregiving NC II. Isang, as she is fondly called by her colleagues, handles Front Office NC II, Bartending NC II, and Food and Beverage Services NC II at LSF Annex in the City of Mati. Just lately, after barely eight years as contractual Trainer, she got her appointment as Instructor I with permanent plantilla position and now a full-fledged trainer of the School.

Ms. Chrisdyll P. Pellejo is a Bachelor of Science in Information Technology graduate from the Davao Oriental State College of Science and Technology (DOSCST), Mati City. She used to be a part-time faculty in the Information and Computer Studies Department of her Alma Mater for 3.5 years. After her stint at DOSCST EL, as her associates warmly call her, joined the Lupon School of Fisheries family on January 5, 2015 as accounting clerk. By virtue of her appointment, which she received just recently, she is now the new Cashier/ Disbursing Officer (Administrative Officer I) of Lupon School of Fisheries replacing Mr. Camilo Pansoy who retired in December of 2013. She will take her post with full rank in June 2016 when Mr. Jereme M. Dalo moves out as Cashier-Designate for two years and a half.

Research by LSF Faculty

Employment Likelihood of TTI Graduates in Region XI

Abstract

This study focuses on determining the profile of the TTI graduates in Region XI and how the predictors contributed to the employability of graduates. there were 1550 participants from the three common qualifications (Automotive Servicing NC I and NC II, Bread/Baking and Pastry Production NC II, and Food and Beverage Services NC II) offered in the four TTIs from 2010-2012. Descriptive method and regression statistics were used in presenting and analyzing how predictors affect the employability. Based on the study, the male gender dominated the graduates in Automotive NC I & NC II while in Bread/Baking and Pastry Production NC II, majority were female. Assessment result of the graduates is positive. The data revealed that all predictors contribute in the employability of graduates in all TTIs. Assessment result gained 79% multiple r while gender obtained 65% which means employment has greater relationship in the assessment result compared to the gender. The assessment result had obtained an r square value 0.62 compared to the gender which obtained 0.42. This means that the greater contributor in the employment likelihood of the TTI graduates is the assessment result.

Keyword: employment likelihood, gender, assessment result, TTI

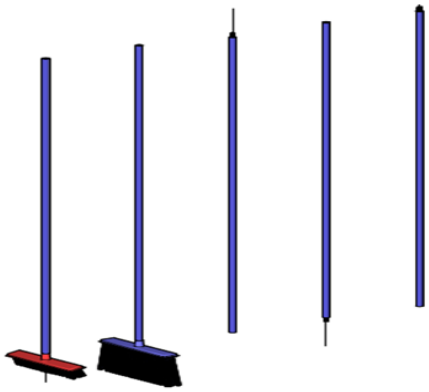
Researcher:

Nora S. Malatamban

Research by LSF Faculty

Extensible Tool Handle for Removing Dust and Cobwebs

Abstract



The project study/thesis is entitled "Extensible Tool Handle for Removing Dust and Cobwebs," a cleaning tool intended for removing dust, cob webs, and dirt in ceiling and walls. It has five (5) handles measuring one (1) meter each, once connected with each other using the coupler its maximum height is (5) meters long. The main objectives of this study were to design and construct, test functionality of the project, and revise any defects found during testing. The study is a development type of research which uses questionnaires to measure its functionality and effectiveness. It was then gathered, tabulated, and interpreted. The study was conducted in Lupon Davao Oriental. Although, there were some revisions being made in its components during the testing, still the project was rated as highly functional. The respondents of the study were the students, instructors of Lupon School of Fisheries, hotel supervisors, and housekeepers. Based on the result of the study, it was concluded that the project can be developed and tested and the researcher recommended that further study should also be conducted to enhance the design and capabilities of the project.

The respondents' assessment resulted to the following. Upon deployment of the project to the different respondents for testing, the researcher conducted a demonstration and the project worked. Results of the functionality test of the extensible tool handle revealed an overall rating of 4.64 which is interpreted as highly functional. Although there were parts of the project that needed improvement still it is functional.

During the try-out and revision there were defects found in the materials used in the project. The defects were treated to ensure the functionality of the project. The findings showed that the project can be designed and developed.

The researcher strongly recommends that further study be conducted to improve the project.

Researcher:

Flora Solidor

Research by LSF Faculty

Aquaculture, feeder, microcontroller, sensor, wireless fidelity, RTC (real time clock) module.

Abstract

In Aquaculture, food and feeding are essential part in fish production and should be economical for a given aquaculture system. Proper feeding management plays an important role to avoid feed wastage in order to gain much out of the investment. An effective device to dispense the feeds with less waste is needed. The existing fish feeder devices nowadays are mostly concerned in feeding fishes in aquariums they do not compensate the growth of the fish over time and do not have the capability to determine water parameters.

This project aimed to answer problems encountered in feeding management. Using microcontroller, sensors and a wireless fidelity (wifi) technology to connect the device to a router thus enables to send data through IP (internet protocol), an RTC module (real time clock) will be responsible to keep the whole system up to date in the absence of electricity.

The project was tested in Lupon School of Fisheries, Lupon, Davao Oriental. It was evaluated by instructors, aquaculture technician, and students. During testing it was found out that it is highly functional. There were defects that led to adjustments and revision of the project. It is recommended that further study to improve the functionality of the developed fish feeder be done.

Keywords: Aquaculture, feeder, microcontroller, sensor, wireless fidelity, RTC (real time clock) module.

Researcher:

Terence L. Catulong

Research by LSF Faculty

Design and Development of Piercing Valve for HVAC/R Application"

Abstract

The project study/thesis entitled "Design and Development of Piercing Valve for HVAC/R Application" is conducted to be used in accessing refrigerant in the refrigeration system for recovery recycling of refrigerant. RAC servicing sector is required to do recovery/recycling in compliance to the Montreal Protocol.

The project has a valve assembly composed of screwed needle, gasket and fitting, valve gasket, V-saddle that carry the tube, handle, and presser to make the installation easier. All parts play vital role to the performance of the hand tool. This tool can be used in both aluminum and copper tube and both soft drawn and hard drawn tubing with the diameter of 3/16 to ½ inches diameter tubing. This was conducted in Lupon School of Fisheries, Lupon Davao Oriental. It was tried, tested, and evaluated by the students of RAC (qualification), Refrigeration and Air-conditioning Servicing practitioner and Teacher/Instructor/Trainer with the knowledge in the same field. During testing it was found out that the developed hand tool is time efficient as it obtained an average weighted mean of 17.32 seconds with a standard deviation of 3.13, and it is highly functional and better than the existing one, it has a mean of 4.7 which belonged to level 4.2 up in the likert scale. It was also found out that there was a minimal pressure lost in the refrigeration system that the researcher came up with a recommendation to conduct further study for the improvement of the project in terms of design and functionality.

Keywords: Piercing Valve, descriptive and developmental research, Lupon, Davao Oriental.

Researcher:

Edgar Manto