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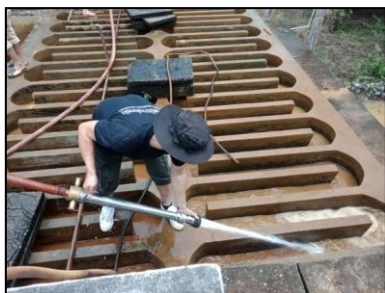
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Improving Water Supply Quality by Community participation at Seaw Subdistrict Administration Organization, Loei Province

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Abstract

Initially, Seaw Subdistrict Administrative Organization did not monitor nor control water supply production process as a consequence of appropriate training on production control and water supply system maintenance. Additionally, water supply samples were not laboratory tested or analyzed. Therefore, cleanness, turbidity, and odor present major threats for the water supply. The purpose of this research is to improve water supply quality at Seaw Subdistrict Administration Organization (SAO), Loei province. Work processes involve knowledge advancement, mutual understanding and development among the SAO, community leaders, service users, and Loei Rajabhat University. Activities included developing knowledge concerning production control and water supply system maintenance; implementing cleaning the water supply system; and testing samplings from 4 supply stations and monitoring post water treatment quality. The workshop results indicated that water quality improved, i.e. pH, Hardness, E.coli, Chloride, Copper, Zinc, Lead, Arsenic, Chromium, Cadmium and Manganese achieved quality standard for drinking water and supply quality standards of 2010, Department of Health. Adversely, the iron level was not in compliance; however, the level decreased after implementation with the cleaning system. In conclusion, the quality of water supply system improved from the fair level to the good level according to the assessment criteria from the Department of Water Resources.

Keywords: Loei province, Seaw Subdistrict Administration Organization, Water supply production, Water quality, Drinking water standards



Business Potential Development of Trading Village for Khaw Khunkha Chawna Khunatham Community Enterprise, Yasothon Province

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Abstract

This study aims to analyze the operational status and business model, which can activate the business potential of Khaw Khunkha Chawna Khunatham Community Enterprise, thus enhancing business with strength, sustainability and competitiveness. The participation between researchers, community leaders and members of the enterprise group was carried out during the research process purposely to share and exchange knowledge. The data of the community enterprise was collected for SWOT analysis and business model creation in order to define strategies and identify important factors in business operations. By joining the project, the community attended training courses and performed study visits that developed capacity in business management for community leaders and members of the enterprise. The community also learns to develop local products and expand their distribution channels both online and offline; hence improving their business skills and competitiveness. The results of the research process are as follows. 1) The products are improved while distribution channels and media used in public relations extended, resulting in more customers and higher incomes. 2) The members have advanced their knowledge and are aware of the importance of online marketing. 3) Accounting system has been enhanced, making it easier for auditing and convenient for production planning and marketing. 4) The local rice mill became standardized, thereby enabling the community enterprise to process high-quality rice, thus increasing business income. In conclusion, our findings indicate that the analysis and improvement of the operational status and business model enhanced the strength, sustainability and competitiveness for the Khaw Khunkha Chawna Khunatham Community Enterprise.

Keywords: Yasothon province, Trading village, Community enterprise, Rice product, Business potential



Integrating Educational Instruction into Participatory Academic Services for Product Processing in Aquaculture Farmers Group, Kanchanaburi Province

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Abstract

The aqua-culturists in Kanchanaburi Province lack considerable knowledge to properly process marine animals in marketing their goods at the Aquatic Expo 2019. This research intends to provide the aforementioned group with information through an integrative participatory approach by students from Marine animals processing technology course at Rajamangala University of Technology Suvarnabhumi. The curriculum integration consists of instructors informing the objectives of product development, while the students proceed to present ideas and recipes and discuss adjustments together. Eventually, the students proceed to recreate the tweaked recipes, test them in the laboratory, and reevaluate. Afterwards, the brand logos and product labels will be designed with participations from the aqua-culturists. The outcomes are recipe developments in Phum rice cracker and Phum dipping sauce, rice-berry fermented fish, ready-to-eat crispy baked fish (Nile tilapia) chips from 3 groups, namely Organic Farming prepared by the Thai Rai Saeng Sakulrung Rung Community Enterprise, Rainy Farm Community Enterprise and Herb Sausage Community Enterprise. It is found that the final products meet the set objectives and can be sold on various markets and expositions. The feedback is well-received with continuous updates. In conclusion, the groups grow more popular, resulting in financial stability and elevated quality of life among members.

Keywords: Kanchanaburi province, Integrating educational instruction, Participatory academic services, Crispy water meal, Rice-berry fermented fish



The Learning Process of Hand-Woven Silk Design and Product for Silk Tourist Village, Buriram Province

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Abstract

Buriram Province is a hub for sericulture wisdom, and is recognized for Mudmee silk quality products. Considering the consumers' diverse needs, the community is urged to develop their hand-woven Ikat or Mudmee silk products to meet the demands, which involve seeking preferred motifs, colours and fabrics. This project provides knowledge on Mudmee motif design techniques and colour design by optical estimation and changing the hue by neutral-warp threads. A target group of 30 weavers from 5 silk tourist villages were selected for training, which was provided in the form of workshop. The results showed that all groups were able to integrate newly acquired knowledge with the local wisdom and produced 40 prototypes. Through marketing process, it is noted that the customer's purchase is influenced by colour variation and novelty, and trendy patterns. In conclusion, the village sustains the knowledge and continues improving their products.

Keywords: Buriram province, Silk tourist village, Silk, Mudmee, Motif



Upgrading Kai-Weaved Textiles for Cultural Products of the Mae Loi Luang Community, Chiang Rai Province

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Abstract

The purpose of this participatory action research seeks to upgrade Kai-weaved textiles for cultural products of Mae Loi Luang community, Sri Don Chai subdistrict, Theong district, Chiang Rai province. The research process is based on the implication of the late King's philosophy entitled "Understanding, Accessibility, and Development". The research process also employs a survey of local wisdoms on weaved textiles, the development of local products with communities, and evaluation of cultural product appropriateness. Research participants were 15 residents, which included the village head, village committee members, a women's union director, members of textile-weaving group, and the temple's abbot. This study revealed that Kai-weaved textiles have been inherited from the Mae Loi Luang community's local wisdom. The Kai-weaved textile is designed with two thread-stripped weaving techniques in order to create dimensions of Kai-weaved textiles and beauty. The village's Kai-weaved textiles reflected their ways of life and local identities, which are categorized into two types of cultural products: grandmother-like and niece-like Kai-textile dolls and Kai-stripped. The cultural product quality assessment confirmed a high appropriateness; subsequently, these cultural products raise community awareness of Kai-textile values. In summary, the project facilitated community cooperation in textile-weaving promotion, and the establishment of indigenous textile-weaving center.

Keywords: Chiang Rai province, Mae Loi Luang community, Cultural product, Local wisdom, Kai-weaved textile

[Retracted Article] : Artistic features of the tourist route in Wieng sub-district, Chiang Saen district, Chiang Rai province

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Retracted: 4 March 2020

Abstract

Area Based Development Research Journal has retracted the article titled “Artistic features of the tourist route in Wieng sub-district, Chiang Saen district, Chiang Rai province” [2]. The article was found to contain abstract and several sentences and paragraphs reused in several other articles published by Pattareepan Pantu.

Keywords: -

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[Retracted Article] : Strengthen the production cost management of rice planting, the Ontai Rice Seed Center Community Enterprise in Sankamphaeng district, Chiang Mai

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Abstract

Area Based Development Research Journal has retracted the article titled “Strengthen the production cost management of rice planting, the Ontai Rice Seed Center Community Enterprise in Sankamphaeng district, Chiang Mai” [1]. The article was found to contain abstract and several sentences and paragraphs reused in several other articles published by Pikul Pongklang.

Keywords: -

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[Retracted Article] : Development of rice seed dropping machine for paddy field with local farmer participation in Uttaradit province

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Retracted: 3 April 2020

Abstract

Area Based Development Research Journal has retracted the article titled “Artistic features of the tourist route in Wieng sub-district, Chiang Saen district, Chiang Rai province” [3]. The article was found to contain abstract, images, table and several sentences and paragraphs reused in several other articles published by Pairote Nathiang.

Keywords: -

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