## **Abstract**

This research conducted participatory action research. It was found that the product made of Mor-Hom textile selling in Thung Hong district varied in the area of form and type of the product. However, they lack of diversity in the area of design and have faded color problem. Moreover, the group of manufacturers is interested in applying other techniques in Mor-Hom textile manufacturing. Those are wax print and batik, which make Mor-Hom textile beautiful. It is the combination of intelligence and value added of the product. This innovation is the mixture of intelligence in Mor-Hom textile production.

The research project, under cooperation with manufacturers in the community, has organized training "Fundamental wax-print design dyed batik production" for 19 representatives of Mor-Hom textile manufacturers, Thung Hong district. The topics of training are as follows. 1) Wax printing on white cloth 2) Applying dyestuff for Mor-Hom textile and cotton 3) Practicing colored wax printing and second layer dyeing 4) Making drawing pattern batik 5) Dyeing cotton with warm dyestuff 6) Dyeing silk with dyestuff 7) Washing and boiling cloth to remove wax and get rid of remaining color 8) Designing iron mold

The result of evaluation in the area of the topic, percentage of interestedness range from levels of highest, high, and moderate are 54.17, 41.67 and 4.16 respectively. The topic and content of training satisfy their need ranges from levels of highest, high, and moderate are 56.67, 30.83, and 12.5 respectively. The topic can be applied for improving diversity of Mor-Hom textile ranges from levels of highest, high, and moderate are 40, 53.33, and 6.67 respectively. From the result of training, it was found that Mor-Hom textile manufacturers were able to create colorful Mor-Hom textile, which previously has only two shades, indigo and white.

From the evaluation of diversity of Mor-Hom textile product, it was found that Mor-Hom textile product of Thung Hong district has more diversity in the aspect of design and pattern, especially wax-printing technique. In addition, it was found that training to make batik and wax printing caused diversity in the aspect of Mor-Hom textile product design.