ABSTRACT


Keywords: Design, Honey Bee Cultivation and Conservation Center in Batu, Biomimicry Architecture.

Honey bee cultivation and conservation can be categorized as a work on nature utilization that continuously depend on honey bee habitat, because cultivation and conservation have a relevance between the benefit, guarding, protection, and nature resource improvement. A substance from the Holy Quran explains about suggestion in cultivating honey bee that can be very useful and that will give a lot of advantages to human life and plants. The design of this honey bee cultivation and conservation center uses the theme “Biomimicry Architecture”, because it is possible to get learning source from honey bee, from its life process, its form, or its structure. Hablum minal ’alam as the ideas in concepting a design and the concept “Open Circulation System of Bee”. This concept takes the three honey bee system: inner bee head system, respiratory system, and exoskeleton system. With using the theme “Biomimicry” and the concept “Open Circulation System of Bee” it can provide an illustration for the visitor about honey bee habitat.