

Application of Analysis and Synthesis Methods for Nusantara Architecture Research

Abstract

Creating an application to analyze and synthesize types of Nusantara architecture or Neo-Nusantara architecture, including the use of building materials, strength, stiffness and stability of structures and building construction, foundation systems, the connection engineering systems, mechanical and electrical systems, the plumbing systems and information other technical information that can be processed by the learning machine in this application product. The research methods used are surveys, literature observations, and interviews with experts in the **Information Technologies**, and experts in structures and building construction, as well as parties who understand them. The research can be carried out continuously by master students in the **Architecture Department**, or fellow researchers who are interested in contributing to the application development of architectural science in this equatorial region. The substance of this research activity is offered as a semester assignment for students, or developed into a Final Project research work, the results of which are compiled as exploratory research findings, which can be exhibited, and published as reference books or/and textbooks. The research methods used are surveys and field measurements, working method, literature observations, and interviews with figures/experts in building structures and construction, as well as parties who understand them.

I am interested in being part of this research, and would like to register as (a) a research member; (b) a research associate; (c) a research sponsor; (d) research fundraiser; (e) other cooperation models. I sent my CV to archee.projek@gmail.com and then I await a response from the Nusantara Architecture Study Center at the email address or mobile number, as written on my CV.