

Hybrid Architecture

Sustainable Tropical Environmental Design Exhibition 2011

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STEdex'11 – Azizah Salim Syed Salim, Elias Salleh, Muhammad Khairi Ismail, **Hybrid Architecture**, **Sustainable Tropical Environmental Design Exhibition 2011**, ISSN : 2180-0685, Vol : 3, [76-77], Faculty of Design and Architecture, Universiti Putra Malaysia

A strip of mangrove area in Kota Kuala Kedah poses a challenge to the designer in proposing a university campus that is in sync with the natural environment and the local community. The aim is to put forward architectural territories that function as a campus within the comfort of mangrove forest so as to foster high quality learning. In Muhammad Khairi's final thesis, he proposes a green network of circulation paths, elevated walkways and corridors as linkages to all the learning facilities whilst keeping the mangrove forest intake with minimum intrusion from the habitat. Maximizing the passive design techniques throughout the area ranging from rainwater system and environmental screens also brings out the idea of hybrid architecture alive. The project significantly demonstrates the importance of natural hybrid in a built environment as a potent design strategy for Higher Learning Institute.



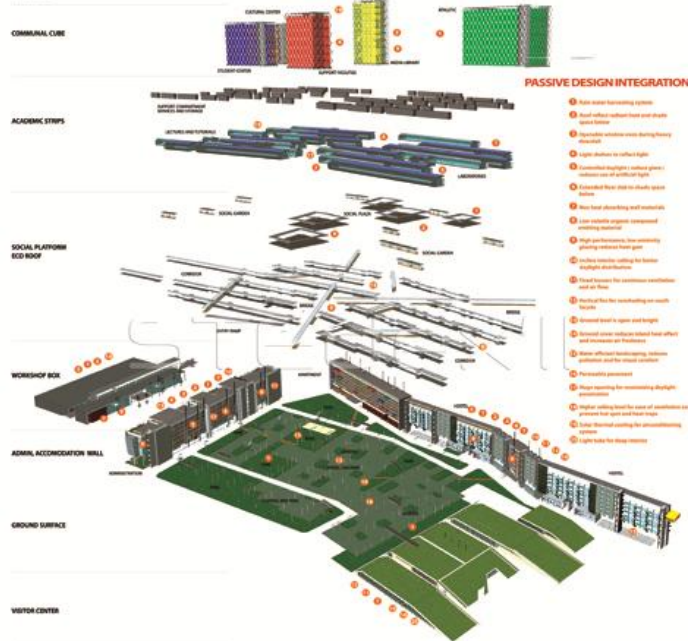
Hybrid Architecture_1



Hybrid Architecture_2

ARCHITECTURAL SUBSYSTEM ELEMENTS

The design explores the interface between the community and the University Campus, and proposes a territory that functions simultaneously as campus and civic cultural center, blurring the distinction between the community and its institutions.



Hybrid Architecture_3



Hybrid Architecture_4