

UNIVERSITY OF NIGERIA NSUKKA

A MODEL FACULTY OF ENVIRONMENTAL STUDIES BUILDING

FOR

AKWA IBOM STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY,

UYO, AKWA IBOM STATE:

***A STUDY ON EFFECTIVE SPATIAL/ FUNCTIONAL RELATIONSHIP WITHIN THE
BUILDING COMPLEX.***

M. SC. (ARCH.) THESIS REPORT

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ABSTRACT

This project is a proposal for the development of a model building complex to house faculty of environmental studies in Akwa Ibom State University of Science and Technology (AKUTECH), Uyo, Akwa Ibom State. It focuses on the theme “*study on the effective spatial/ functional relationship between the various departments in the building complex*”. The theme arose from the critical appraisal of existing faculty of environmental studies buildings in Nigerian Universities. The case studies revealed some spatial/ functional relationship problems existing in the faculty buildings. These do not allow for effective and efficient learning and effectual discharge of academic and non-academic duties. It also affects negatively, cross-pollination of scholarly knowledge among the staff and the students.

In the development of a model building complex for this function, analysis of some foreign and local case studies was done and it was found that issues towards effective spatial/ functional relationship between the constituent departments in the building complex were given greater care and concern in foreign schools than local ones. This project addresses this critically and concludes with a *clustered spatial system* approach to solving this problem. Through the use of quadrates and interlock of solids and voids, the departments will be linked together with the shared faculty facilities to be centralised or located in such a way that they have proximity to the various departments.

From that problem-solving standpoint, this project will facilitate effective and efficient learning and scholarship for both the students and the staff. It is an eloquent statement of fact that it will be an indispensable and invaluable research material for students, professionals and Universities willing to undertake such project.