

**UNIVERSITI TEKNOLOGI MARA**

**COMPARATIVE STUDY ON  
TRADITIONAL AND MODERN  
MOSQUES' DESIGN, CONSTRUCTION  
AND COMMUNITY PARTICIPATION:  
CASE STUDY IN PENINSULAR  
MALAYSIA**

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## ABSTRACT

In the last few decades, building construction industry in most Muslim countries has had to keep pace with the modern method of construction and technology development. Malaysian mosques architecture is not exempted from the physical conversion of this promptly changing technology. Therefore, this research attempts to discover the transformation of mosque building from traditional to modern architecture in Peninsular Malaysia. It analyzes and compares the design, construction and community participation of the case study mosques. It intends to discover the differences of mosque building in two different periods of time. The overview of literature includes the published and unpublished sources on mosque; definition of mosque from the *Qur'an* and scholars; universal elements of mosque architecture; design, construction and community participation in traditional and modern architecture and Malaysian mosques. Literature written on mosques is extensive but only few address this topic. The case study method is employed, measurements comprising: on-site physical measurement, on-site observation and interview session with expert informant. Measured and detail drawings reproduction by Computer Aided Design application of the case studies and tabulations of data were prepared for the final data analysis. Various findings are revealed in this study on the comparison of traditional and modern mosques construction. The findings from this research conclude that there are significant numbers of differences found between the traditional and modern mosques in the aspect of design, construction and community participation. The research hopes to enrich the understanding of the traditional and modern mosques architecture with specific scope on construction.

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