

# **THE DESIGN OF AN AUDITORIUM WITH ACOUSTICS AND LIGHTING FOR ENTERTAINMENT AND PERFORMANCE PURPOSES**

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## **ABSTRACT**

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This project is to design of an auditorium with acoustics and lighting for entertainment and performance purposes located in the city of Johor Bahru, Johor, Malaysia.

The 800-seater single storey auditorium is basically a reinforced concrete and steel structure and is suitable for performances because of its acoustic design and its lightings. It consists of a stage, changing rooms, backstage, washrooms and the main auditorium.

The basic architectural and structural plans are included in this paper, along with the design calculations and the explanation of its technical aspect with the methodology used. The research results are also found here including its source and the various references.

Attached to this report are the findings, results, the design procedures, the internal and external diagrams of the building, references made and thorough explanation on the project which will give the reader a clear picture of the design of an auditorium with acoustic and lighting.