



ACHARYA POLYTECHNIC

Soldevanahalli , Bangalore - 90

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& Approved by AICTE, New Delhi)**

Project Report on

Intelligent Auditorium & Theatre Stage

Control

*Submitted in partial fulfillment of the
requirement for the award of Diploma in
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Intelligent Auditorium & Theatre Stage Control

Abstract

An auditorium is the area within a theatre, concert hall or other performance space where the audience is located in order to hear and watch the performance. For movie theaters the number of auditoriums is also expressed as the number of screens.

Computer technology has the potential to significantly reduce the risks associated with scenery motion in live theatre, as well as enhancing the spectacle of performance. The industry is becoming more concerned about safety standards compliance. IEC 61508 is emerging as the universally favored standard for functional safety of stage machinery control systems.

Aim of the Project:

Our primary aim is to design a generalized theatre control system that can control all the available equipments in a theatre or auditorium. Moreover recipes can be stored for particular shows that won't need any user intervention while the show is in progress. We will extend this system for demonstration using college auditorium layout.