



## **SCHOOL OF ENGINEERING**

**PROJECT'S TITLE**

### **DESIGN OF WIRELESS VIDEO TRANSMISSION SYSTEM**

**STUDENT'S NAME : LAU CHIN YEW**

**STUDENT'S ID : 1000410735**

**MAJOR : B.ENG (HONS) COMMUNICATION & ELECTRONICS  
ENGINEERING**

**FIRST SUPERVISOR'S NAME : MR. GILBERT THIO**

**SECOND SUPERVISOR'S NAME : MR. FAWWAZ**

**PROJECT'S COORDINATOR : DR. KHEDR M. M. ABOHASSAN**

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## ABSTRACT

This project is extended to bridge the gap between the circuit design and the communication system concept. It has given me an opportunity to apply the theoretical and practical skills into it. This report is based on the information of my own supervision, knowledge; experience and analysis expect some researches made on the references mentioned.

This report shows the construction of the design of wireless video transmission system, its circuit analysis and how to align it. However a certain topics including how to make PC Board and how to operation, that not commonly found in the text book. Due to nature of this report, detailed descriptive and explanation are available in the content pages. End results are given and are illustrated with detailed numerical examples. Furthermore, the photographs of the project construction serve to provide an idea about the complete constructive.

As prerequisites, the reader is expected to be familiar with AM/FM modulator circuits and realizes how the video and audio signal travel from video to TV or personal computer via a design of wireless video transmission system that works over the FM frequency.