

**Universiti Teknologi MARA**

**GAS LEAKAGE NOTIFICATION AND  
MONITORING SYSTEM  
(NOTIFICATION USING GSM)**

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## **ABSTRACT**

Notification about gas leak is important in preventing the unexpected scenario that can cause a lot of people life caused by gas leakage. Gas leakage is the main factor of starting of fire and explosion happens nowadays. On 2011, an explosion of gas pipeline happens in the Emperor shopping mall at Subang, Malaysia that is caused by the gas leak due to the flawless welds of the pipeline. In preventing this situation happens, the gas detector with notification by sending SMS using GSM modem needed in aware the people if danger is coming. This project is focuses on the sending SMS notification to the technician about the gas leak occur. The GSM modem is used in this notification system to sending the SMS to the technician if there any gas leak presence.

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# **CHAPTER 1**

## **INTRODUCTION**

### **1.0 Introduction**

This Introduction chapter are discussed about the overall view of research will be discussed where it will focus on the problem that always been faced by the technician in the Dentistry faculty's laboratory. Besides that, this chapter will discussed about the problem statement, objectives and scopes of project. The research will bring significant changes to the public, especially to the Faculty of Dentistry.

### **1.1 Background of Study**

Natural gas is an element in the world's that supply of energy. It has been playing a vital role in all aspects of development including power generation, transportation, industry and agriculture. When burned, it is one of the cleanest and most powerful forms of energy available. It allows us to cook, use electricity and perform convenient daily tasks. We use Liquefied Petroleum Gas (LPG) in our home to cook.