**GSM Controlled Industrial Scheduler and Automation**

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**ABSTRACT**

 The Indian markets are slowly beginning to feel the stimulus for the instrumentation, control and automation industry. Today, the growing awareness among the Indian consumer has ensured that process industry has the right mix of technologies that can beget the growth opportunities, which the industry has been eyeing and seeking for a long time now. This has pulled us towards designing a system which would help us in the scheduling and controlling the devices in the industries.

In this project, we present an implementation of cost effective solution for automation of industries. This project based on DS-PIC 30f4011 and Dallas real-time-clock (RTC) chip DS1307 can be used to control and program the switching operation of 24 electrically operated devices from any distance.

The devices can be switched on/off at precise times repeatedly every day, every month. The PIC-processor can be programmed for device control using a GSM module. Our system can work automatically as scheduled. Also, we have manual control over it.