

**A
PROJECT REPORT
ON**

“GSM BASED E-IRRIGATION CONTROL”

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**BACHELOR OF ENGINEERING
IN**

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ABSTRACT

According to the user requirement the action of pump can be controlled as soon as the moisture level of the field goes too varied with predetermined values the signal is fed to microcontroller this sends the data to GSM modem. User gets this information in the form of messages. the AT commands are used to activate and encoded and decoding messages. As soon as the gets this information he can send a encoded message form his mobile, the coded message has been decoded by using AT commands with a help of microcontroller. The signal from microcontroller controls the action of motor (pump)to irrigation the field. Once the sends to user so the user can switch off the pump.