PROJECT REPORT ON

GSM BASED BORDER SECURITY SYSTEM USING WIRELESS SENSOR NETWORKS

In partial fulfillment of the requirements for the Eighth semester examination of

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ABSTRACT

Soldiers are sacrificing their lives to safeguard the country. In spite of all measures taken by the defense personnel intruders may cross the borders to damage the important properties of the country, kill the innocent public and create havoc among public. To solve this problem, here an attempt is made to design an electronic system, which can detect the intruder and take the necessary action immediately. The unit consists of sensor networks deployed along the border to detect the intruder by sensing the vibration created by his movement which is processed by the microcontroller, and the information is communicated to higher ups through GSM and waiting for the action to be taken at the substation. In this way the intrusion can be taken care