

Underground Cable Fault Monitoring System

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Abstract: This paper is proposing a method to find the faults in the underground cable using microcontroller(esp32). The aim of this paper is to determine the exact location of fault with latitude and longitude. When any fault occurs in underground cable the voltage will be fluctuate because current at that point will varies. This paper presents the working model of the device that can help humans to find faults in underground cable where human presence is dangerous due to environmental conditions. Hence we can inspect the faults under such circumstances. Though there were several approaches are there to find faults in underground cable ,this paper is going to find it in a simpler way and more efficiently using voltage sensors.

Keywords: Microcontroller, Fault, Voltage, Underground Cable

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