

FOREST FIRE DETECTION AND ALERT SYSTEM

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Forest, a closely packed growth of trees in cooperation with other plants covers a huge area of land. Forests play a vital role in the reduction of global warming as it absorbs carbon-di-oxide and releases oxygen. However, Forest fire serves as a major disadvantage in releasing huge quantity of carbon monoxide thereby destroying wildlife and forest resources. It is found to be difficult in controlling the spread of forest fire, if not detected early. Wireless sensor network(WSN) is used for recognizing the forest fire as it greatly reduces human efforts. This paper explains a method that detects the forest fire, node failure using WSN for quicker action.

Keywords – Fire detection, NODE MCU, temperature sensor, detection of node failure.

