

Innovative Modern Surveying Instrument

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Abstract: *Floods lead to a vast loss of life and property in many countries. But in developing countries the lack of proper technology leads to more loss of life and property due to flood. Bridges are important in modern world. Bridges add beauty to the roads. Bridge failures are one of the most infrastructure problems in the world. It often leads to the catastrophic consequences, loss of life, restricted commerce. Whenever there is a disaster there is loss of lives, damage to the public property. The objective of this project is to monitor the flood situation lift the bridge in case of danger in the form of buzzer sound. A smart bridge is one that senses some significant condition of its environment or behaviour and then automatically reacts to that condition.*

Keywords: Bridge failures