

# PREDICTION OF EARTHQUAKE USING REMOTE SENSING AND G.I.S-THERMAL INFRARED METHOD

Name: P. Sai Mukesh  
Branch: Civil Engineering  
Email: [saimukeshp37@gmail.com](mailto:saimukeshp37@gmail.com)

Name: M. Siva Kumar  
Branch: Civil Engineering  
Email: [sivakumar.meetakoti@gmail.com](mailto:sivakumar.meetakoti@gmail.com)

## **Abstract:**

This paper gives an idea of how a disaster such as earthquake can be predicted using remote sensing technology. Prediction of any disaster has always been a challenging task for all engineers of various fields. Earthquake is one of the unpredictable event which results in huge loss of life and property. With the help of Remote Sensing and G.I.S technology, earthquakes can be predicted with reliable procedure and accuracy. Thermal Infrared method is one of the advancing methods used in earthquake prediction and is better and sound when compared to other methods.

## **Index terms:**

Earthquake, disaster, G.I.S., thermal infrared, magnitude.

.