**Title of the Project:** Iot Based Safety Kit For Construction Workers

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**Abstract:**

The Indian Institute of Technology (IIT) conducted a survey and found out that about 48,000 workers die every year in the due to accidents which occur in their occupation, that is approximately equal to around 38 workers losing their lives every day, and 38 families losing the sole bread earner of their families. India has a total population of 138 crore and a total workforce of 46.5 crore, so a sum of approximately 46 crore people are in a need of a solution to this grave danger which they face every day. There are no products designed at present to help reduce the number of deaths in the construction field, so our product will be one in a kind. A handy IOT based safety kit is designed for the construction workers. Each kit has a unique ID, and is to be worn at all times by the workers, when they are on – site. If an accident occurs on the site causing the user to get stuck between a mass of debris, this kit will be instrumental in the rescue process.