VSB ENGINEERING COLLEGE KARUR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IBM NALAIYA THIRAN

IDEATION PHASE

TITLE : NATURAL DISASTER INTENSITY ANALYSIS AND

CLASSIFICATION

**DOMAIN NAME** : ARTIFICIAL INTELLIGENCE

**LEADER NAME** : PREETHI S

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**PROBLEM STATEMENTS:**

* In a disaster, you face the danger of death or physical injury. You may also lose your home, possessions, and community. Such stressors place you at risk for emotional and physical health problems. Stress reactions after a disaster look very much like the common reactions seen after any type of trauma.

* The challenges identified by the study include lack of capacity and coordination at the national level; gaps in legal frameworks and lack of guidance for implementation; complex institutional arrangements; incompatibility of building codes and lack of enforcement; lack of qualified human resources; and inadequate.

**PROPOSED IDEAS:**

* Map and avoid high-Risk zones. Build hazard-resistant structures and houses. Protect and develop hazard buffers.

* Develop culture of prevention and resilience. Improve early warning and response systems. Build institutions, and development policies and plans**.**

* Awareness, education, preparedness, and prediction and warning systems can reduce the disruptive impacts of a natural disaster on communities. Mitigation measures such as adoption of zoning, land-use practices, and building codes are needed, however, to prevent or reduce actual damage from hazards.