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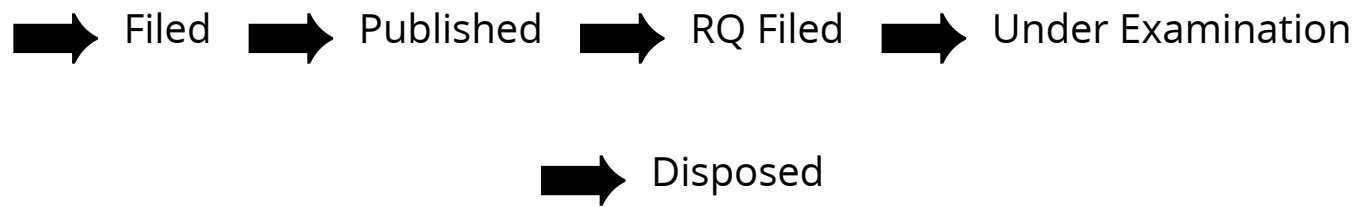
#### Application Details

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APPLICANT NAME	VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
TITLE OF INVENTION	Method for prediction of embankment failure on soft soils
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(57) Abstract :

A method for prediction of embankment failure on soft soils comparing the height of an Embankment is 6m and the base width of the embankment is 32m with a slope ratio of 2H:1V; 1m fill for each increment as the embankment extends to a total height of 6 meters. The inclusion of a granular bed and geogrid in the soft clay significantly reduces settlements by 21.95 percent. The stiff layer and geogrids are placed over a soft layer. The effect of geogrids and the influence of granular bed stiffness of embankments found on soft soils by using Plaxis-2D software.

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