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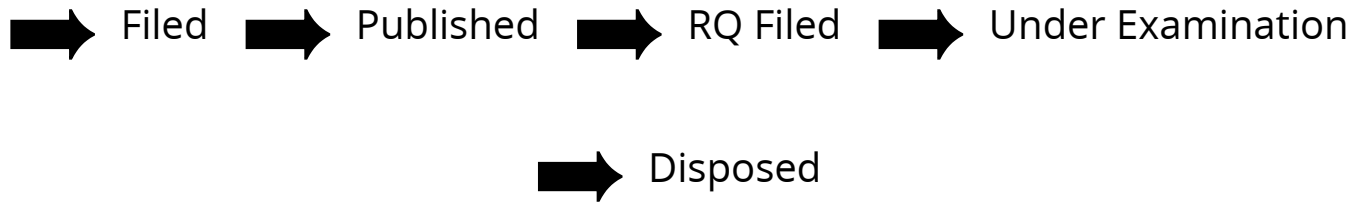
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APPLICANT NAME	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology
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E-MAIL (As Per Record)	lipi.kaundilya@gmail.com
ADDITIONAL-EMAIL (As Per Record)	info@iprsrg.com
E-MAIL (UPDATED Online)	
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(71)Name of Applicant :

1)Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology

Address of Applicant :Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad - 500090, Telangana State, India
Nizampet -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Suresh Kommu

Address of Applicant :Sr. Assistant Professor, Department of Civil Engineering, VNR VJIET, Hyderabad, India. -----

2)Raikanti Amulya

Address of Applicant :Masters Student, Department of Civil Engineering, VNR VJIET, Hyderabad, India. -----

(57) Abstract :

piled embankment reinforced systems comprising embankment, reinforcement, peat, clay, sand, pile, interface; wherein the piles are cylindrical along with the pile cap of square shape; wherein the typical spacing between the piles is 1.5 to 4.5m; the spacing is 3m center to center of the piles, which are modeled as the non-porous material with a unit weight of 25 kg/mAA; wherein the diameter of the pile is 0.3m, and the size of the pile cap is 0.5m. The interface is taken on both sides of the pile with an extra 0.5m at the bottom of the pile because the soil will be disturbed more than the pile length.

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